

complete sequence.//1.3e-35:207:95//AL034430
R-Y79AA1001533//Mouse mRNA for RNA polymerase I associated factor (PAF53), complete cds.//2.7e-44:285:81//D14336
R-nnnnnnnnnnnn//Human DNA sequence from clone 113J7 on chromosome Xp11.22-11.4. Contains part of a putative Homeobox (pseudo?) gene, ESTs and an STS, complete sequence.//0.70:365:60//AL023574
5 R-Y79AA1001548//Homo sapiens phosphatidylinositol 4-kinase mRNA, complete cds.//5.9e-95:517:91//L36151
R-Y79AA1001555
R-Y79AA1001585
R-Y79AA1001594//Human DNA sequence from PAC 60G11 on chromosome X; contains STS.//6.6e-19:241:76//Z94722
10 R-Y79AA1001603//H.sapiens CpG island DNA genomic Mse1 fragment, clone 72f8, forward read cpg72f8.ft1a.//3.3e-21:131:96//Z62766
R-Y79AA1001613
R-Y79AA1001647//Human DNA sequence from PAC 36J3, between markers DXS1192 and DXS102 on chromosome X.//6.3e-08:338:63//Z82975
15 R-Y79AA1001665//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 1/15, WORKING DRAFT SEQUENCE.//3.2e-11:114:84//AP000008
R-Y79AA1001679//O.cuniculus lambda-crystallin mRNA, complete cds.//3.9e-15:270:68//M22743
R-nnnnnnnnnnnn//RPCI11-42M5.TJ RPCI11 Homo sapiens genomic clone R-42M5, genomic survey sequence.//0.013:64:89//AQ052792
20 R-Y79AA1001696//Apis mellifera ligustica complete mitochondrial genome.//9.3e-09:428:58//L06178
R-Y79AA1001705
R-Y79AA1001711//Mus musculus 60 kDa ribonucleoprotein Ro gene, partial cds.//2.2e-45:554:75//AF042139
R-Y79AA1001781//Plasmodium falciparum chromosome 2, section 39 of 73 of the complete sequence.//1.0:414:57//AE001402
25 R-nnnnnnnnnnnn//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 510D11, WORKING DRAFT SEQUENCE.//2.8e-05:329:61//Z98044
R-Y79AA1001827//Oryctolagus cuniculus PiUS mRNA, complete cds.//2.3e-90:557:89//U74297
R-Y79AA1001846//Homo sapiens DNA sequence from PAC 179N16 on chromosome 6p21.1-21.33. Contains the SAPK4 (MAPK p38delta) gene, and the alternatively spliced SAPK2 gene coding for CSaids binding protein CSBP2 and a MAPK p38beta LIKE protein. Contains ESTs, STSs and two predicted CpG islands, complete sequence.//2.1e-34:306:78//Z95152
30 R-Y79AA1001848//Sequence 11 from patent US 5449616.//1.0:221:59//I14369
R-Y79AA1001866//Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone: K23L20, complete sequence.//0.0089:527:58//AB016874
35 R-Y79AA1001874
R-Y79AA1001875//M.musculus mRNA for Rab7 protein.//5.8e-45:170:92//X89650
R-Y79AA1001923//Human DNA sequence from clone 353H6 on chromosome Xq25-26.2. Contains the alternatively spliced SMARCA1 gene for SW1/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1 (SNF2L1) and a 40S Ribosomal Protein S26 pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//1.0:138:68//AL022577
40 R-Y79AA1002027//Liverwort Marchantia polymorpha chloroplast genome DNA.//0.71:153:67//X04465
R-Y79AA1002083//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 172B20, WORKING DRAFT SEQUENCE.//1.0:178:64//AL022319
45 R-Y79AA1002089//Homo sapiens clone GS111G14, WORKING DRAFT SEQUENCE, 5 unordered pieces.//6.3e-49:377:81//AC005011
R-Y79AA1002093//Homo sapiens (clone SEL366) 17q YAC (368C7) RNA.//4.0e-32:174:99//L77612
R-Y79AA1002103//CIT-HSP-2328I21.TR CIT-HSP Homo sapiens genomic clone 2328I21, genomic survey sequence.//1.9e-44:245:96//AQ044502
50 R-Y79AA1002115//CITBI-E1-2514F10.TF CITBI-E1 Homo sapiens genomic clone 2514F10, genomic survey sequence.//1.8e-24:249:78//AQ265752
R-Y79AA1002125//RPCI11-15J6.TV RPCI-11 Homo sapiens genomic clone RPCI-11-15J6, genomic survey sequence.//8.5e-21:147:91//B75354
R-Y79AA1002139
55 R-Y79AA1002204
R-nnnnnnnnnnnn//Human ankyrin G (ANK-3) mRNA, complete cds.//0.040:319:59//U13616
R-Y79AA1002209//Psilotum nudum RT gene for reverse transcriptase (PT4).//0.99:106:65//X65415
R-Y79AA1002210

EP 1 074 617 A2

R-Y79AA1002211//H.sapiens NGAL gene.//1.0:311:59//X99133
R-Y79AA1002220//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING
DRAFT SEQUENCE.//5.9e-07:535:57//AL034557
R-Y79AA1002229
5 R-Y79AA1002234//Homo sapiens mRNA for KIAA0692 protein, partial cds.//6.1e-117:564:98//AB014592
R-Y79AA1002246
R-Y79AA1002258//Homo sapiens mRNA for HIP3, complete cds.//1.3e-92:453:97//AB013384
R-Y79AA1002298//HS_3071_B2_E08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=3071 Col=16 Row=J, genomic survey sequence.//1.9e-56:384:87//AQ171331
10 R-Y79AA1002307//Homo sapiens mRNA for KIAA0634 protein, partial cds.//2.5e-108:403:99//AB014534
R-Y79AA1002311//Homo sapiens chromosome 10 clone CIT987SK-1173I12 map 10q25, complete sequence.//
1.1e-07:368:61//AC005887
R-Y79AA1002351
R-Y79AA1002361//H.sapiens CpG island DNA genomic MseI fragment, clone 65b9, reverse read cpg65b9.r1a.//
15 0.57:59:79//Z62206
R-Y79AA1002399//Homo sapiens chromosome 17, clone hRPK.700_H_6, complete sequence.//2.0e-98:385:99//
AC005920
R-Y79AA1002407//Homo sapiens chromosome 17, clone hRPC.842_A_23, complete sequence.//5.4e-59:490:
76//AC004662
20 R-Y79AA1002416//Homo sapiens Xp22 GSHB-314C4 (Genome Systems Human BAC library) complete se-
quence.//6.3e-08:103:80//AC004087
R-Y79AA1002431
R-nnnnnnnnnnnn//Mouse transcriptional control element.//0.064:84:71//M17284
R-Y79AA1002472//Homo sapiens chromosome 19, BAC CTY-B-393i15 (BC301323), complete sequence.//1.6e-
25 103:525:96//AC006116
R-Y79AA1002482//Homo sapiens chromosome 18, clone hRPK.474_N_24, complete sequence.//9.7e-38:302:
83//AC006238
R-Y79AA1002487//P.falciparum complete gene map of plastid-like DNA (IR-B).//0.23:266:61//X95276

30 Homology Search Result Data 4.

[0307] The result of the homology search of the Human Unigene using the clone sequence of 5'-end.

[0308] Data include

35 the name of clone,
title of the top hit data,
the P-value: the length of the compared sequence: identity (%), and
the Accession No. of the top hit data, as in the order separated by //.

40 [0309] Data are not shown for the clones in which the P-value was higher than 1.

F-HEMBA1000005//EST//4.3e-87:422:97//Hs.147830:AI222069
F-HEMBA1000012//Human endosome-associated protein (EEA1) mRNA, complete cds//0.82:170:64//Hs.2864:
L40157
45 F-HEMBA1000020//Homo sapiens beta 2 gene//4.0e-74:529:83//Hs.150244:U83668
F-HEMBA1000030//ESTs//1.1e-91:494:93//Hs.7958:W22078
F-HEMBA1000042//ESTs//3.5e-22:228:77//Hs.145406:AI253247
F-HEMBA1000046//ESTs, Highly similar to PRE-MRNA SPLICING FACTOR RNA HELICASE PRP22 [Saccharo-
myces cerevisiae]//0.00019:192:65//Hs.7900:W22411
50 F-HEMBA1000050//EST//0.81:74:72//Hs.156298:AI336759
F-HEMBA1000076//ESTs//0.11:252:62//Hs.131939:AI417910
F-HEMBA1000111//ESTs//8.5e-89:449:96//Hs.41105:N66734
F-HEMBA1000129//Human phosphatidylinositol 3-kinase catalytic subunit p110delta mRNA, complete cds//0.27:
342:61//Hs.14207:U86453
55 F-HEMBA1000141//Homo sapiens mRNA for KIAA0797 protein, partial cds//6.8e-169:791:98//Hs.27197:
AB018340
F-HEMBA1000150//Homo sapiens mRNA for KIAA0788 protein, partial cds//1.4e-37:243:88//Hs.2397:Z70200
F-HEMBA1000156//ESTs, Weakly similar to The KIAA0138 gene product is novel. [H.sapiens]//5.3e-80:383:98//

Hs.135552:AI215187
 F-HEMBA1000158//Homo sapiens OPA-containing protein mRNA, complete cds//2.1e-07:265:63//Hs.85313:AF071309
 F-HEMBA1000168//ESTs//6.1e-35:257:85//Hs.13533:H23079
 5 F-HEMBA1000180//ESTs, Moderately similar to RETROVIRUS-RELATED POL POLYPROTEIN [H.sapiens]//1.3e-18:111:96//Hs.163863:W28729
 F-HEMBA1000185//H.sapiens ERF-2 mRNA//1.0:125:68//Hs.78909:U07802
 F-HEMBA1000193//EST//1.5e-48:266:95//Hs.160642:AI240133
 F-HEMBA1000201//Human Ini1 mRNA, complete cds//6.5e-75:440:92//Hs.155626:U04847
 10 F-HEMBA1000213//ESTs//0.21:239:62//Hs.26838:AA527529
 F-HEMBA1000216//Homo sapiens clone 23698 mRNA sequence//1.1e-57:529:68//Hs.8136:U81984
 F-HEMBA1000227//Human RNA-binding protein CUG-BP/hNab50 (NAB50) mRNA, complete cds//1.3e-05:311:64//Hs.81248:U63289
 F-HEMBA1000231
 15 F-HEMBA1000243//EST//5.9e-52:359:85//Hs.141433:N23377
 F-HEMBA1000244//H.sapiens mRNA for cytokine inducible nuclear protein//0.0022:350:60//Hs.74019:X83703
 F-HEMBA1000251//ESTs//3.2e-84:443:95//Hs.21068:N47460
 F-HEMBA1000264//ESTs//0.76:227:61//Hs.5159:AA588562
 F-HEMBA1000280//EST//1.7e-12:149:75//Hs.103418:AA035568
 20 F-HEMBA1000282//ESTs//1.7e-16:164:79//Hs.123111:AA813186
 F-HEMBA1000288//ESTs//5.4e-06:154:68//Hs.54174:N64406
 F-HEMBA1000290//Human novel homeobox mRNA for a DNA binding protein//3.8e-07:412:61//Hs.37035:U07664
 F-HEMBA1000302//EST//1.2e-41:238:94//Hs.147245:AI206095
 F-HEMBA1000303
 25 F-HEMBA1000304//ESTs//3.5e-11:96:87//Hs.163057:AA728946
 F-HEMBA1000307//EST//7.7e-05:280:62//Hs.146462:AI124898
 F-HEMBA1000327//ESTs//5.3e-92:435:99//Hs.100605:AA305965
 F-HEMBA1000333//Human mRNA for KIAA0206 gene, partial cds//0.84:395:56//Hs.79299:D86961
 F-HEMBA1000338//ESTs, Moderately similar to novel stromal cell protein [M.musculus]//2.4e-38:317:80//Hs.99189:X84712
 30 F-HEMBA1000351//Human Line-1 repeat mRNA with 2 open reading frames//0.020:334:59//Hs.23094:M19503
 F-HEMBA1000355//Myosin, heavy polypeptide 11, smooth muscle//0.11:336:61//Hs.78344:AF001548
 F-HEMBA1000356//H.sapiens ERF-2 mRNA//0.031:317:59//Hs.78909:U07802
 F-HEMBA1000357//Human mRNA for KIAA0118 gene, partial cds//1.2e-50:441:78//Hs.154326:D42087
 35 F-HEMBA1000366//ESTs//0.025:56:87//Hs.141629:H74010
 F-HEMBA1000369//Homo sapiens PAC clone DJ0669B10 from 7q33-q35//0.99:433:58//Hs.159899:AC004853
 F-HEMBA1000376//Oxytocin receptor//3.4e-43:569:70//Hs.2820:X64878
 F-HEMBA1000387//ESTs//8.2e-104:535:94//Hs.78110:AA741320
 F-HEMBA1000390//Homo sapiens BAC clone RG119C02 from 7p15//2.3e-141:712:95//Hs.22900:AC004520
 40 F-HEMBA1000392//Homo sapiens clone 24619 mRNA sequence//1.7e-47:461:74//Hs.139088:AF070533
 F-HEMBA1000396//ESTs, Weakly similar to hypothetical protein [H.sapiens]//1.2e-26:351:70//Hs.138992:C14008
 F-HEMBA1000411//EST//2.8e-27:401:71//Hs.138719:N52915
 F-HEMBA1000418//ESTs//0.0094:375:61//Hs.40140:AI079253
 F-HEMBA1000422//EST//6.2e-23:225:78//Hs.132635:A1032875
 45 F-HEMBA1000428//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//7.6e-31:616:66//Hs.159897:AB007970
 F-HEMBA1000434//EST//0.0031:157:64//Hs.162328:AA559034
 F-HEMBA1000442//EST//1.0:201:61//Hs.162434:AA577398
 F-HEMBA1000456//Fanconi anemia complementation group C//0.58:362:59//Hs.37953:X66893
 50 F-HEMBA1000459//EST//9.2e-21:157:86//Hs.132635:AI032875
 F-HEMBA1000460//ESTs//2.9e-77:409:95//Hs.27135:W49590
 F-HEMBA1000464//ESTs//6.6e-17:365:65//Hs.150675:AA127853
 F-HEMBA1000469
 F-HEMBA1000488//Homo sapiens HIV-1 inducer of short transcripts binding protein (FBI1) mRNA, complete cds//0.15:253:58//Hs.104640:AF000561
 55 F-HEMBA1000490//Homo sapiens kinectin mRNA, complete cds//0.71:539:56//Hs.82709:Z22551
 F-HEMBA1000491//ESTs//2.0e-21:361:65//Hs.152453:AA864970
 F-HEMBA1000501//Homo sapiens tapasin (NGS-17) mRNA, complete cds//2.5e-39:312:77//Hs.5247:AF029750

EP 1 074 617 A2

F-HEMBA1000504//Homo sapiens mRNA for osteoblast specific factor 2 (OSF-2os)//1.3e-08:57:100//Hs.155095:D13666
F-HEMBA1000505//Homo sapiens KE04p mRNA, complete cds//1.0:197:62//Hs.131962:AF064093
F-HEMBA1000508//EST//0.67:156:60//Hs.162898:AA659646
5 F-HEMBA1000518
F-HEMBA1000519//EST//6.8e-52:300:91//Hs.149580:AI281881
F-HEMBA1000520//ESTs, Weakly similar to coded for by C. elegans cDNA CEESB82F [C.elegans]//2.9e-16:132:84//Hs.155871:AA533783
F-HEMBA1000523//ESTs, Highly similar to TESTIS-SPECIFIC PROTEIN PBS13 [Mus musculus]//2.1e-25:192:87//Hs.22383:R51067
10 F-HEMBA1000531//ESTs, Weakly similar to heat shock protein [H.sapiens]//2.4e-57:288:97//Hs.116022:AA455706
F-HEMBA1000534//Homo sapiens PYRIN (MEFV) mRNA, complete cds//2.8e-47:153:88//Hs.113283:AF018080
F-HEMBA1000540//ESTs//8.6e-07:60:100//Hs.109755:AA180809
15 F-HEMBA1000542//Human lysyl oxidase-like protein mRNA, complete cds//0.088:581:57//Hs.65436:U24389
F-HEMBA1000545//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//7.8e-106:731:83//Hs.139107:K00629
F-HEMBA1000555//Human mRNA for KIAA0242 gene, partial cds//0.75:283:58//Hs.77495:D87684
F-HEMBA1000557//ESTs//3.9e-27:389:71//Hs.125087:AA495729
20 F-HEMBA1000561//Homo sapiens mRNA for KIAA0760 protein, partial cds//3.8e-64:665:72//Hs.137168:AB018303
F-HEMBA1000563//ESTs//3.8e-51:257:98//Hs.47122:AI338977
F-HEMBA1000568//EST//0.12:270:61//Hs.134833:AI091046
F-HEMBA1000569//H.sapiens mRNA encoding GPI-anchored protein p137//3.8e-19:409:62//Hs.119283:Z48042
25 F-HEMBA1000575//EST//0.060:156:64//Hs.126277:AA826681
F-HEMBA1000588//ESTs, Weakly similar to weakly similar to myosin heavy chain [C.elegans]//7.7e-41:217:96//Hs.55084:AA479162
F-HEMBA1000591//Homo sapiens mRNA for E1B-55kDa-associated protein//2.3e-44:228:97//Hs.155218:AJ007509
30 F-HEMBA1000592//ESTs, Weakly similar to sorting nexin 1 [H.sapiens]//1.7e-27:463:65//Hs.13794:AA203241
F-HEMBA1000594//Human clone 230971 defective mariner transposon Hsmar2 mRNA sequence//4.0e-68:574:79//Hs.159176:U92019
F-HEMBA1000604//ESTs//3.3e-21:158:74//Hs.142924:AI092535
F-HEMBA1000608//Homo sapiens mRNA for KIAA0456 protein, partial cds//3.7e-120:561:99//Hs.5003:AB007925
35 F-HEMBA1000622//Homo sapiens DEC-205 mRNA, complete cds//5.2e-34:592:68//Hs.153563:AF011333
F-HEMBA1000636//ESTs, Weakly similar to 50S RIBOSOMAL PROTEIN L20 [E.coli]//7.4e-22:166:84//Hs.26252:AA643235
F-HEMBA1000637//Homo sapiens mRNA for KIAA0690 protein, partial cds//2.1e-138:639:99//Hs.60103:AB014590
40 F-HEMBA1000655//ESTs//1.2e-54:503:77//Hs.140864:AA176174
F-HEMBA1000657//Mucin 1, transmembrane//0.99:219:61//Hs.89603:J05582
F-HEMBA1000662//ESTs//2.2e-52:257:99//Hs.63243:AI123912
F-HEMBA1000673//H.sapiens mRNA for translin associated protein X//1.7e-47:366:79//Hs.96247:X95073
F-HEMBA1000682//Oxytocin receptor//4.7e-59:673:72//Hs.2820:X64878
45 F-HEMBA1000686
F-HEMBA1000702
F-HEMBA1000705//EST//0.047:363:60//Hs.136379:AA521309
F-HEMBA1000719//ESTs//2.7e-68:333:98//Hs.146195:AI039850
F-HEMBA1000722//ESTs//0.49:283:60//Hs.21108:N92630
50 F-HEMBA1000726//EST//1.1e-45:183:87//Hs.149580:AI281881
F-HEMBA1000727//ESTs//4.8e-95:442:100//Hs.22119:AA885491
F-HEMBA1000747
F-HEMBA1000749//ESTs//8.0e-14:108:77//Hs.154892:AI091568
F-HEMBA1000752//EST//1.3e-25:344:69//Hs.160992:H52716
55 F-HEMBA1000769//ESTs//0.0018:206:63//Hs.153268:AA887239
F-HEMBA1000773//ESTs//0.56:336:58//Hs.105964:N35803
F-HEMBA1000774//EST//4.0e-38:312:79//Hs.162197:AA535216
F-HEMBA1000791//ESTs//2.8e-87:413:99//Hs.112050:AA431300

F-HEMBA1000817//ESTs//5.6e-124:617:96//Hs.101366:AA167536
 F-HEMBA1000822//ESTs//0.94:347:58//Hs.23905:AA928542
 F-HEMBA1000827//EST//0.064:133:60//Hs.138738:N58367
 F-HEMBA1000843
 5 F-HEMBA1000851//Fragile X mental retardation 1//0.014:219:62//Hs.89764:X69962
 F-HEMBA1000852//Arylsulfatase D//6.7e-38:244:75//Hs.43887:X83572
 F-HEMBA1000867
 F-HEMBA1000869//ESTs//5.1 e-33:166:77//Hs.141186:R99609
 F-HEMBA1000870//EST//0.032:130:66//Hs.157351:AI367237
 10 F-HEMBA1000872//ESTs//2.4e-20:134:92//Hs.155982:AA406047
 F-HEMBA1000876//EST//5.3e-20:233:72//Hs.124339:AA829660
 F-HEMBA1000908//ESTs//5.4e-28:219:84//Hs.12247:AI203154
 F-HEMBA1000910//Human DNA sequence from clone 14O9 on chromosome Xp11.1-11.4. Contains a Inter-Alpha-
 Trypsin Inhibitor Heavy Chain LIKE gene, a alternatively spliced Melanoma-Associated Antigen MAGE LIKE gene
 15 and a 6-Phosphofructo-2-kinase (Fructose-2,6-bisphosphatase) LIKE pseudogene. Contains ESTs, STSs and ge-
 nomic marker DXS8032//2.8e-11:309:65//Hs.4943:Z98046
 F-HEMBA1000918//ESTs//0.11:234:59//Hs.96499:AA252537
 F-HEMBA1000919//Human mRNA for histone H1x, complete cds//0.18:221:64//Hs.109804:D64142
 F-HEMBA1000934//Homo sapiens mRNA for KIAA0547 protein, complete cds//3.8e-09:360:62//Hs.36850:
 20 AB011119
 F-HEMBA1000942//ESTs, Highly similar to PMS4 homolog mismatch repair protein [H.sapiens]//9.4e-10:77:93//
 Hs.111445:H00596
 F-HEMBA1000943//ESTs, Highly similar to ZINC FINGER PROTEIN 10 [Homo sapiens]//0.0039:54:92//Hs.58338:
 AA609476
 25 F-HEMBA1000946//Phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide-synthetase, phos-
 phoribosylaminoimidazole synthetase//0.93:132:66//Hs.82285:X54199
 F-HEMBA1000960//ESTs, Moderately similar to !!!! ALU SUBFAMILY SX WARNING ENTRY !!!! [H.sapiens]//
 0.080:128:71//Hs.118972:AA761369
 F-HEMBA1000968//Human transposon-like element mRNA//2.8e-95:352:87//Hs.84775:M23161
 30 F-HEMBA1000971//ESTs//8.4e-88:417:98//Hs.128631:AI127903
 F-HEMBA1000972//EST//0.75:134:64//Hs.117228:AA682775
 F-HEMBA1000974//ESTs//1.3e-103:497:98//Hs.126786:U74314
 F-HEMBA1000975//Homo sapiens diacylglycerol kinase iota (DGKi) mRNA, complete cds//1.3e-05:424:59//Hs.
 159564:AF061936
 35 F-HEMBA1000985//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0492//0.0036:389:60//Hs.
 127338:AB007961
 F-HEMBA1000986//ESTs//0.00025:272:64//Hs.12364:H09132
 F-HEMBA1000991//Homo sapiens mRNA for Hrs, complete cds//3.9e-24:193:84//Hs.24756:U43895
 F-HEMBA1001007//EST//0.96:70:71//Hs.163258:AA828835
 40 F-HEMBA1001008//Human G protein-coupled receptor (STRL22) mRNA, complete cds//4.9e-43:472:74//Hs.
 46468:U45984
 F-HEMBA1001009//Immunoglobulin mu//0.18:367:59//Hs.75758:X58529
 F-HEMBA1001017//Homo sapiens mRNA for KIAA0468 protein, complete cds//1.4e-140:661:98//Hs.158287:
 AB007937
 45 F-HEMBA1001019//EST//4.1e-14:251:68//Hs.148769:AI239572
 F-HEMBA1001020//Von Hippel-Lindau syndrome//2.2e-28:253:69//Hs.78160:AF010238
 F-HEMBA1001022
 F-HEMBA1001024//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//6.8e-28:376:72//Hs.
 159897:AB007970
 50 F-HEMBA1001026//Homo sapiens klotho mRNA, complete cds//1.3e-05:745:57//Hs.94592:AB005142
 F-HEMBA1001043//ESTs//2.1e-28:448:67//Hs.112469:AA598515
 F-HEMBA1001051//EST//3.1e-48:310:87//Hs.149580:AI281881
 F-HEMBA1001052//EST//0.94:149:67//Hs.31216:AI017971
 F-HEMBA1001059//N-ACETYL GALACTOSAMINE-6-SULFATASE PRECURSOR//4.6e-165:777:98//Hs.159479:
 55 U06088
 F-HEMBA1001060//ESTs//6.8e-14:150:78//Hs.24821:AA044813
 F-HEMBA1001071//Alpha-1 type 3 collagen//3.5e-32:181:96//Hs.119571:X14420
 F-HEMBA1001077//ESTs, Moderately similar to transcription intermediary factor 1 [H.sapiens]//1.1e-98:487:97//

EP 1 074 617 A2

Hs.147802:R71297
F-HEMBA1001080//Human N-type calcium channel alpha-1 subunit mRNA, complete cds//0.013:385:58//Hs.69949:M94172
F-HEMBA1001085//Human hSIAH2 mRNA, complete cds//0.55:338:59//Hs.20191:U76248
5 F-HEMBA1001088//Human PINCH protein mRNA, complete cds//7.3e-73:303:78//Hs.83987:U09284
F-HEMBA1001094//Interleukin 8//0.092:530:58//Hs.624:M17017
F-HEMBA1001099
F-HEMBA1001109//Homo sapiens tapasin (NGS-17) mRNA, complete cds//2.4-61:341:85//Hs.5247:AF029750
F-HEMBA1001121//EST//7.3e-13:265:64//Hs.142423:AA412497
10 F-HEMBA1001122//Homo sapiens mRNA for KIAA0471 protein, complete cds//0.066:649:56//Hs.5347:AB007940
F-HEMBA1001123//Homo sapiens mRNA for KIAA0448 protein, complete cds//1.5e-10:231:68//Hs.27349:AB007917
F-HEMBA1001133//EST//0.50:222:63//Hs.131018:AI015747
F-HEMBA1001137//Homo sapiens mRNA for KIAA0798 protein, complete cds//2.2e-73:527:77//Hs.159277:AB018341
15 F-HEMBA1001140//Homo sapiens mRNA for KIAA0682 protein, complete cds//0.020:141:65//Hs.7482:AB014582
F-HEMBA1001172//EST//0.77:158:60//Hs.158894:AI378457
F-HEMBA1041174//ESTs//1.4e-63:363:92//Hs.132798:AA922226
F-HEMBA1001197//ESTs, Weakly similar to Rap2 interacting protein 8 [M.musculus]//5.0e-54:555:71//Hs.55165:AA573499
20 F-HEMBA1001208//EST//6.2e-26:213:77//Hs.146964:AI183463
P-HEMBA1001213//Human mRNA for KIAA0013 gene, complete cds//0.026:569:57//Hs.48824:D87717
F-HEMBA1001226//ESTs//1.9e-11:407:65//Hs.157977:AI369694
F-HEMBA1001235//ESTs//0.0042:161:63//Hs.155170:AA167748
25 F-HEMBA1001247//ESTs//1.2e-91:429:99//Hs.143304:AI084058
F-HEMBA1001257//Human zinc finger protein (MAZ) mRNA//0.017:330:62//Hs.7647:M94046
F-HEMBA1001265
F-HEMBA1001281
F-HEMBA1001286//Natriuretic peptide precursor B//0.76:163:63//Hs.937:AL021155
30 F-HEMBA1001289//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-69G12//5.1e-30:530:64//Hs.154050:AC004131
F-HEMBA1001294//Homo sapiens mRNA for matrilin-3//0.00023:657:56//Hs.119534:AJ224741
F-HEMBA1001299//Small inducible cytokine A5 (RANTES)//2.2e-27:271:77//Hs.155464:AF088219
F-HEMBA1001302//ESTs, Moderately similar to Cab45a [M.musculus]//3.3e-53:272:97//Hs.154563:AI129590
35 F-HEMBA1001303//ESTs, Weakly similar to RNA splicing-related protein [R.norvegicus]//2.6e-66:241:99//Hs.120847:AA731201
F-HEMBA1001310//ESTs//2.0e-21:133:93//Hs.159116:W55873
F-HEMBA1001319//Homo sapiens mRNA for KIAA0758 protein, partial cds//0.23:562:58//Hs.22039:AB018301
F-HEMBA1001323//Wingless-type MMTV integration site 5A, human homolog//2.5e-31:165:99//Hs.152213:L20861
40 F-HEMBA1001326//ESTs, Highly similar to HYPOTHETICAL 55.1 KD PROTEIN IN FAB1-PES4 INTERGENIC REGION [Saccharomyces cerevisiae]//8.9e-08:185:68//Hs.108734:AI073427
F-HEMBA1001327//ESTs//0.085:337:60//Hs.114157:AA703013
F-HEMBA1001330//EST//0.0018:225:63//Hs.127987:AA970569
45 F-HEMBA1001351//Homo sapiens VAMP-associated protein of 33 kDa (VAP-33) mRNA, complete cds//3.6e-105:516:97//Hs.9006:AF057358
F-HEMBA1001361//ESTs//1.2e-62:317:97//Hs.6639:R39794
F-HEMBA1001375//ESTs//0.93:180:60//Hs.148425:AI198074
F-HEMBA1001377//ESTs//9.2e-87:414:99//Hs.48469:N62156
50 F-HEMBA1001383//ESTs//0.0023:336:60//Hs.140622:AA844353
F-HEMBA1001387//ESTs, Highly similar to RAS-LIKE PROTEIN TC10 [Homo sapiens]//1.0e-132:643:97//Hs.124217:AA020848
F-HEMBA1001388
F-HEMBA1001391//ESTs//5.6e-32:191:93//Hs.71628:N41660
55 F-HEMBA1001398
F-HEMBA1001405//EST//1.0:135:63//Hs.146833:AI151117
F-HEMBA1001407//ESTs//10.53:390:57//Hs.150447:AI017798
F-HEMBA1001411//EST//8.8e-06:270:62//Hs.145386:AI253108

- F-HEMBA1001413
 F-HEMBA1001415//EST//1.3e-12:176:75//Hs.133172:AI051605
 F-HEMBA1001432//RING3 PROTEIN//0.57:345:59//Hs.75243:D42040
 F-HEMBA1001433//ESTs//1.3e-21:333:69//Hs.131648:AI025726
 5 F-HEMBA1001435//Cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 2//1.2e-74:469:80//Hs.1361:M55053
 F-HEMBA1001442//EST//0.29:181:64//Hs.116883:AA663031
 F-HEMBA1001446//ESTs, Weakly similar to Rap2 interacting protein 8 [M.musculus]//6.8e-47:550:71//Hs.55165:AA573499
 10 F-HEMBA1001450//Homo sapiens GTPase-activating protein (SIPA1) mRNA, complete cds//0.82:312:58//Hs.7019:AB005666
 F-HEMBA1001454//ESTs//1.2e-46:297:80//Hs.152395:AA533107
 F-HEMBA1001455//ESTs//7.3e-103:502:97//Hs.112860:AA442412
 F-HEMBA1001463//Human mRNA for KIAA0392 gene, partial cds//8.7e-51:323:88//Hs.40100:AB002390
 15 F-HEMBA1001476//Homo sapiens mRNA for KIAA0572 protein, partial cds//6.2e-104:489:99//Hs.14409:AB011144
 F-HEMBA1001478//EST//0.013:205:61//Hs.157309:AI365451
 F-HEMBA1001497//Small inducible cytokine A5 (RANTES)//5.9e-45:307:84//Hs.155464:AF088219
 F-HEMBA1001510//H.sapiens mRNA for G13 protein//2.1e-71:405:92//Hs.42853:X98054
 20 F-HEMBA1001515//Human Line-1 repeat mRNA with 2 open reading frames//4.5e-105:773:82//Hs.23094:M19503
 F-HEMBA1001517//EST//3.6e-09:271:65//Hs.162347:AA564902
 F-HEMBA1001522//ESTs//4.3e-13:85:95//Hs.126707:AI376869
 F-HEMBA1001526
 25 F-HEMBA1001533//EST//1.0:75:73//Hs.145360:AI252476
 F-HEMBA1001557//EST//3.5e-13:261:64//Hs.161496:N66580
 F-HEMBA1001566//EST//3.7e-07:354:64//Hs.43830:N26652
 F-HEMBA1001569//Homo sapiens mRNA for vesicle associated membrane protein 2 (VAMP2)//8.0e-68:338:97//Hs.91589:M36205
 30 F-HEMBA1001570//ESTs//1.5e-47:369:82//Hs.107657:AA126814
 F-HEMBA1001579//Homo sapiens mRNA for NS1-binding protein (NS1-BP)//7.0e-175:678:99//Hs.159597:AJ012449
 F-HEMBA1001581//ESTs//4.4e-07:237:67//Hs.152304:AA605184
 F-HEMBA1001585//ESTs//1.1e-11:81:100//Hs.16364:AI357228
 35 F-HEMBA1001589//Human mRNA for KIAA0166 gene, complete cds//0.82:210:64//Hs.115778:D79988
 F-HEMBA1001595//Human mRNA for KIAA0128 gene, partial cds//2.6e-110:855:78//Hs.90998:D50918
 F-HEMBA1001608//EST//1.0:201:60//Hs.136747:AA749210
 F-HEMBA1001620//ESTs//1.5e-39:211:98//Hs.131063:AI016400
 F-HEMBA1001635//ESTs//4.0e-33:168:100//Hs.122655:AI361870
 40 F-HEMBA1001636//ESTs, Moderately similar to !!!! ALU SUBFAMILY SP WARNING ENTRY !!!! [H.sapiens]//0.038:198:64//Hs.34579:AI338536
 F-HEMBA1001640//ESTs//1.1e-24:315:71//Hs.34114:AA776899
 F-HEMBA1001647//Human plectin (PLEC1) mRNA, complete cds//0.00049:629:61//Hs.79706:U53204
 F-HEMBA1001651//EST//3.6e-07:285:63//Hs.132558:AA948560
 45 F-HEMBA1001655//ESTs//1.4e-95:497:96//Hs.59563:AA203283
 F-HEMBA1001658//EST//0.18:251:59//Hs.117724:H47121
 F-HEMBA1001661
 F-HEMBA1001672//Homo sapiens methyl-CpG binding protein MBD3 (MBD3) mRNA, complete cds//7.9e-146:669:99//Hs.107254:AC005943
 50 F-HEMBA1001675//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//2.0e-57:447:79//Hs.158095:AB007953
 F-HEMBA1001678//ESTs//4.0e-50:360:83//Hs.146811:AA410788
 F-HEMBA1001681//EST//1.0:165:58//Hs.136790:AA776060
 F-HEMBA1001702//EST//0.015:312:61//Hs.162839:AA648760
 55 F-HEMBA1001709//EST//0.85:131:65//Hs.131451:AI023995
 F-HEMBA1001711//ESTs//0.084:425:56//Hs.125346:AI302836
 F-HEMBA1001712//EST//0.26:214:59//Hs.159088:AI383114
 F-HEMBA1001714//ESTs, Highly similar to ATPASE INHIBITOR, MITOCHONDRIAL PRECURSOR [Rattus nor-

EP 1 074 617 A2

vegicus]/3.0e-30:195:92//Hs.132948:AA194452
 F-HEMBA1001718//EST//0.0044:275:60//Hs.125969:AA889554
 F-HEMBA1001723//INTERLEUKIN ENHANCER-BINDING FACTOR//0.24:501:57//Hs.101524:U58197
 F-HEMBA1001731//EST//1.2e-06:261:63//Hs.132331:AI028363
 5 F-HEMBA1001734//ESTs//0.018:177:63//Hs.129631:AI000415
 F-HEMBA1001744//EST//8.7e-77 :420:92//Hs.133226:AI052250
 F-HEMBA1001745//Homo sapiens mRNA for TSC403 protein, complete cds//0.37:300:62//Hs.10887:AB013924
 F-HEMBA1001746//ESTs//0.31:168:66//Hs.27237:N68328
 F-HEMBA1001761//ESTs, Weakly similar to ZINC FINGER PROTEIN 91 [H.sapiens]//0.76:218:60//Hs.135553:
 10 N41598
 F-HEMBA1001781//Homo sapiens chromosome 19, cosmid R30953//0.98:219:60//Hs.98776:AC005622
 F-HEMBA1001784//Homo sapiens mRNA for KJAA0474 protein, complete cds//6.4e-09:265:67//Hs.158232:
 AB007943
 F-HEMBA1001791
 15 F-HEMBA1001800//EST//3.1e-41:331:81//Hs.127142:AA937570
 F-HEMBA1001803//EST//0.0062:269:59//Hs.49075:N64817
 F-HEMBA1001804//Human POU domain protein (Brn-3b) mRNA, complete cds//1.8e-07:439:59//Hs.266:U06233
 F-HEMBA1001808//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0500//2.-5e-175:809:98//Hs.
 118164:AB007969
 20 F-HEMBA1001809//ESTs//6.0e-101:497:97//Hs.155127:AA625305
 F-HEMBA1001815
 F-HEMBA1001819//Human kruppel-related zinc finger protein (ZNF184) mRNA, partial cds//4.9e-80:842:70//Hs.
 158174:U66561
 F-HEMBA1001820//EST//0.057:214:62//Hs.148715:A1223845
 25 F-HEMBA1001822//Homo sapiens intersectin short form mRNA, complete cds//6.7e-42:510:65//Hs.66392:
 AF064244
 F-HEMBA1001824//Homo sapiens OPA-containing protein mRNA, complete cds//5.2e-13:253:68//Hs.85313:
 AF071309
 F-HEMBA1001835//Human mRNA for KIAA0235 gene, partial cds//0.96:288:60//Hs.6151:D87078
 30 F-HEMBA1001844//ESTs//1.1e-29:197:80//Hs.I55243:N70293
 F-HEMBA1001847//Human mRNA for KIAA0326 gene, partial cds//2.0e-23:379:68//Hs.6833:AB002324
 F-HEMBA1001861//Homo sapiens mRNA for KIAA0617 protein, complete cds//2.8e-185:865:98//Hs.78946:
 AB014517
 F-HEMBA1001864//EST//0.27:145:63//Hs.162585:AA593121
 35 F-HEMBA1001866//ESTs, Weakly similar to UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE
 PRECURSOR [D.melanogaster]//3.2e-39:293:84//Hs.152332:AI141922
 F-HEMBA1001869//ESTs, Weakly similar to ASH1 [D.melanogaster]//8.1e-70:367:95//Hs.15423:T84036
 F-HEMBA1001888//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//5.4e-86:835:76//Hs.
 158095:AB007953
 40 F-HEMBA1001896
 F-HEMBA1001910//Human calpain-like protease (htra-3) mRNA, complete cds//0.43:114:71//Hs.6133:U94346
 F-HEMBA1001912//ESTs//4.1e-79:398:97//Hs.26660:AI312633
 F-HEMBA1001913//Homo sapiens TNF-alpha stimulated ABC protein (ABC50) mRNA, complete cds//0.00031:
 200:62//Hs.9573:AF027302
 45 F-HEMBA1001915//EST//0.082:128:64//Hs.126542:AA916511
 F-HEMBA1001918//Homo sapiens SEC63 (SEC63) mRNA, complete cds//0.46:374:59//Hs.31575:AF100141
 F-HEMBA1001921//Homo sapiens germinal center kinase related protein kinase mRNA, complete cds//6.7e-186:
 855:99//Hs.154934:AF000145
 F-HEMBA1001939//ESTs//4.9e-34:342:77//Hs.132711:AI377295
 50 F-HEMBA1001940//ESTs//8.6e-15:149:81//Hs.141129:R86221
 F-HEMBA1001942//ESTs//0.0014:271:62//Hs.124514:AI219882
 F-HEMBA1001945//EST//0.98:142:64//Hs.161540:N85943
 F-HEMBA1001950//ESTs//0.99:188:64//Hs.28639:R78360
 F-HEMBA1001960//Homo sapiens methyl-CpG binding protein MBD2 (MBD2) mRNA, complete cds//0.30:85:69//
 55 Hs.25674:AF072242
 F-HEMBA1001962//ESTs//0.0012:289:59//Hs.125492:AA938930
 F-HEMBA1001964//EST//0.73:153:64//Hs.112161:AA477708
 F-HEMBA1001967//Human DNA sequence from clone 341E18 on chromosome 6p11.2-12.3. Contains a Serine/

Threonine Protein Kinase gene (presumptive isolog of a Rat gene) and a novel alternatively spliced gene. Contains a putative CpG island, ESTs and GSSs//4.6e-156:720:99//Hs.11050:AL031178
 F-HEMBA1001979//ESTs//0.86:184:67//Hs.77208:AA044732
 F-HEMBA1001987//ESTs, Moderately similar to hTAFLI68 [H.sapiens]//2.8e-29:151:100//Hs.124106:AA948100
 5 F-HEMBA1001991//Homo sapiens clone 24540 mRNA sequence//0.049:121:70//Hs.153529:AF070581
 F-HEMBA1002003//Keratin 10 (epidermolytic hyperkeratosis; keratosis palmaris et plantaris)//9.8e-09:294:63//Hs.99936:X14487
 F-HEMBA1002008//ESTs//0.12:299:59//Hs.132803:W63582
 F-HEMBA1002018//PROTEIN-TYROSINE PHOSPHATASE ZETA PRECURSOR//0.98:212:64//Hs.78867:M93426
 10 F-HEMBA1002022//Human p37NB mRNA, complete cds//0.00044:58:96//Hs.155545:U32907
 F-HEMBA1002035//EST//6.4e-07:145:68//Hs.135336:AI049827
 F-HEMBA1002039//EST//0.99:79:67//Hs.98451:AA426057
 F-HEMBA1002049//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//4.5e-26:223:81//Hs.105292:AA504776
 15 F-HEMBA1002084
 F-HEMBA1002092
 F-HEMBA1002100//Homo sapiens zinc finger homeodomain protein (ATBF1-A) mRNA, complete cds//5.6e-21:124:96//Hs.101842:L32832
 20 F-HEMBA1002102//ESTs, Highly similar to ANKYRIN [Mus musculus]//5.9e-09:434:62//Hs.135102:AI190276
 F-HEMBA1002113//ESTs//0.049:255:63//Hs.106137:AI129973
 F-HEMBA1002119
 F-HEMBA1002125//H.sapiens ERF-2 mRNA//0.026:341:59//Hs.78909:U07802
 F-HEMBA1002139//ESTs//0.082:309:60//Hs.36383:W52393
 25 F-HEMBA1002144//Human mRNA for KIAA0227 gene, partial cds//5.6e-06:601:60//Hs.79170:D86980
 F-HEMBA1002150//Homo sapiens mRNA for KIAA0720 protein, partial cds//5.6e-06:353:62//Hs.23741:AB018263
 F-HEMBA1002151
 F-HEMBA1002153//EST//10.014:328:60//Hs.149115:AI244695
 F-HEMBA1002160//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0507//5.6e-49:303:79//Hs.158241:AB007976
 30 F-HEMBA1002161//Myosin, heavy polypeptide 7, cardiac muscle, beta//1.2e-40:616:67//Hs.929:M57965
 F-HEMBA1002162//Homo sapiens mRNA for XPR2 protein//3.4e-48:749:67//Hs.44766:AJ007590
 F-HEMBA1002166//Small inducible cytokine A5 (RANTES)//2.1e-60:485:79//Hs.155464:AF088219
 F-HEMBA1002177//Homo sapiens yotiao mRNA, complete cds//2.4e-19:151:86//Hs.114808:AF026245
 35 F-HEMBA1002185//EST//0.00011:233:65//Hs.125552:AA884141
 F-HEMBA1002189//EST//5.1 e-24:193:81//Hs.163161:AA778363
 F-HEMBA1002191//Homo sapiens mRNA for KIAA0689 protein, partial cds//0.27:382:59//Hs.21992:AB014589
 F-HEMBA1002199//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//1.2e-14:199:72//Hs.159897:AB007970
 40 F-HEMBA1002204//ESTs//0.46:312:59//Hs.61210:AA024696
 F-HEMBA1002212//ESTs//1.0:191:63//Hs.149752:AI285767
 F-HEMBA1002215//ESTs, Highly similar to TESTIN 2 PRECURSOR [Mus musculus]//1.6e-47:251:96//Hs.59906:AA001281
 F-HEMBA1002226//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488//2.4e-57:375:71//Hs.67619:AB007957
 45 F-HEMBA1002229//Homo sapiens KIAA0395 mRNA, partial cds//7.9e-47:377:80//Hs.43681:AL022394
 F-HEMBA1002237//EST//0.044:1 37:66//Hs.144448:AA812455
 F-HEMBA1002241
 F-HEMBA1002253//EST//2.2e-41:219:96//Hs.137065:AA888887
 50 F-HEMBA1002257//Homo sapiens diacylglycerol kinase iota (DGKi) mRNA, complete cds//1.1e-152:731:97//Hs.159564:AF061936
 F-HEMBA1002265//ESTs//5.4e-11:337:65//Hs.112639:AI125420
 F-HEMBA1002267//Homo sapiens GDP-L-fucose pyrophosphorylase (GFPP) mRNA, complete cds//1.0:395:60//Hs.150926:AF017445
 55 F-HEMBA1002270//ESTs//2.5e-87:504:89//Hs.124440:H95404
 F-HEMBA1002321//Homo sapiens oxidized low-density lipoprotein receptor mRNA, complete cds//0.17:338:60//Hs.77729:AB010710
 F-HEMBA1002328//ESTs//7.9e-103:480:99//Hs.123318:AI201982

F-HEMBA1002337//Human mRNA for KIAA0118 gene, partial cds//0.93:220:61//Hs.154326:D42087
 F-HEMBA1002341//Homo sapiens mRNA for KIAA0771 protein, partial cds//7.8e-187:872:98//Hs.6162:AB018314
 F-HEMBA10023481/EST//1.0e-19:285:70//Ms.121860:AA776692
 F-HEMBA1002349//EST//0.011:385:59//Hs.148533:AI200996
 5 F-HEMBA1002363//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds//2.4e-189:872:99//Hs.119023:AF092563
 F-HEMBA1002381//EST//7.9e-34:236:77//Hs.162197:AA535216
 F-HEMBA1002389//ESTs//4.3e-59:342:92//Hs.133391:AA535144
 F-HEMBA1002417//Homo sapiens chromosome 19, cosmid R28784//2.2e-159:775:97//Hs.25527:AC005954
 10 F-HEMBA1002419//EST, Moderately similar to ROD CGMP-SPECIFIC 3',5'-CYCLIC PHOSPHODIESTERASE BETA-SUBUNIT [H.sapiens]//1.0:144:65//Hs.136096:W27141
 F-HEMBA1002430//Human clone 23695 mRNA sequence//2.7e-06:563:59//Hs.90798:U79289
 F-HEMBA1002439//EST, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG [H.sapiens]//0.11:111:67//Hs.162154:AA528561
 15 F-HEMBA1002458//ESTs, Weakly similar to hypothetical protein B, 6.8K [H.sapiens]//1.3e-71:346:98//Hs.136121:W26490
 F-HEMBA1002460//ESTs//2.1e-94:484:96//Hs.106441:R53160
 F-HEMBA1002462//Homo sapiens N-methyl-D-aspartate receptor 2D subunit precursor (NMDAR2D) mRNA, complete cds//0.00024:240:64//Hs.113286:U77783
 20 F-HEMBA1002469//Human mRNA for KIAA0122 gene, partial cds//1.3e-109:603:92//Hs.154583:D50912
 F-HEMBA1002475//RYANODINE RECEPTOR, SKELETAL MUSCLE//0.025:261:63//Hs.89631:U48508
 F-HEMBA1002477//Homo sapiens mRNA for KIAA0561 protein, partial cds//2.8e-45:331:83//Hs.6189:AB011133
 F-HEMBA1002486//EST//0.00039:174:67//Hs.96680:AA303235
 F-HEMBA1002495
 25 F-HEMBA1002498//ESTs//1.2e-91:460:97//Hs.118327:W79161
 F-HEMBA1002503//H.sapiens mRNA for MACH-alpha-2 protein//4.8e-13:164:74//Hs.19949:X98173
 F-HEMBA1002508//Homo sapiens PYRIN (MEFV) mRNA, complete cds//6.1e-79:460:83//Hs.113283:AF018080
 F-HEMBA1002513//Homo sapiens mRNA for histone deacetylase-like protein (JM21)//9.0e-159:738:98//Hs.6764:AJ011972
 30 F-HEMBA1002515//ESTs//3.6e-08:185:69//Hs.118701:AA420795
 F-HEMBA1002538//ESTs//0.97:68:73//Hs.134672:AI087951
 F-HEMBA1002542//Homo sapiens mRNA for chemokine LEC precursor, complete cds//6.1e-46:238:87//Hs.10458:AF088219
 F-HEMBA1002547//Homo sapiens agrin precursor mRNA, partial cds//1.1e-138:655:98//Hs.68900:AF016903
 35 F-HEMBA1002552//Human Hep27 protein mRNA, complete cds//2.8e-08:173:68//Hs.102137:U31875
 F-HEMBA1002555//Homo sapiens mRNA for APC 2 protein, complete cds//0.00020:603:57//Hs.20912:AB012162
 F-HEMBA1002558//ESTs//6.0e-25:262:77//Hs.136304:AA431205
 F-HEMBA1002561//Human clone 23574 mRNA sequence//4.7e-17:268:72//Hs.79385:U90905
 F-HEMBA1002569//Homo sapiens protein associated with Myc mRNA, complete cds//4.3e-142:457:99//Hs.151411:AF075587
 40 F-HEMBA1002583//Homo sapiens UKLF mRNA for ubiquitous Kruppel like factor, complete cds//2.8e-30:156:100//Hs.32170:AB015132
 F-HEMBA1002590//ESTs//1.0e-30:277:77//Hs.139158:AA226159
 F-HEMBA1002592//ESTs//2.4e-20:233:75//Hs.159329:AI378363
 45 F-HEMBA1002609//Homo sapiens mRNA for KIAA0597 protein, partial cds//1.4e-176:820:99//Hs.20141:AB011169
 F-HEMBA1002621//EST//0.99:208:60//Hs.159127:AI384013
 F-HEMBA1002624//Homo sapiens mRNA for KIAA0808 protein, complete cds//9.2e-189:632:97//Hs.91338:AB018351
 50 F-HEMBA1002628//Human mRNA for KIAA0336 gene, complete cds//0.079:231:65//Hs.125129:AB002334
 F-HEMBA1002629//Human density enhanced phosphatase 1 mRNA, complete cds//1.3e-07:473:61//Hs.1177:U10886
 F-HEMBA1002645//ESTs//2.6e-32:209:88//Hs.141323:N80390
 F-HEMBA1002651
 55 F-HEMBA1002659//Human vascular endothelial growth factor related protein VRP mRNA, complete cds//0.74:223:60//Hs.79141:U43142
 F-HEMBA1002661//Human Line-1 repeat mRNA with 2 open reading frames//1.4e-122:781:85//Hs.23094:M19503

EP 1 074 617 A2

F-HEMBA1002666//ESTs//0.39:117:65//Hs.3794:T08497
 F-HEMBA1002678//EST//0.0081:148:64//Hs.156768:AI351368
 F-HEMBA1002679//Cyclic nucleotide gated channel (photoreceptor), cGMP gated 1 (alpha)//0.00096:418:61//Hs.1323:S42457
 5 F-HEMBA1002688//Homo sapiens hyperpolarization-activated channel 1 (IH1) mRNA, partial cds//1.8e-11:541:601//Hs.124161:AF065164
 F-HEMBA10026961/Homo sapiens DNA from chromosome 19, cosmid R29144//1.9e-06:345:61//Hs.155647:AC004221
 F-HEMBA1002703//Homo sapiens mRNA for KIAA0455 protein, complete cds//6.0e-12:327:62//Hs.13245:AB007924
 10 F-HEMBA1002712
 F-HEMBA1002716//EST//1.2e-56:284:97//Hs.131329:AA922800
 F-HEMBA1002728//Homo sapiens mRNA for KIAA0621 protein, partial cds//3.7e-127:614:97//Hs.132942:AB014521
 15 F-HEMBA1002730//Homo sapiens microsomal glutathione S-transferase 3 (MGST3) mRNA, complete cds//0.21:157:66//Hs.111811 :AB007867
 F-HEMBA1002742//EST//0.97:138:60//Hs.160545:71596
 F-HEMBA1002746//Human HOX4C mRNA for a homeobox protein//0.72:347:58//Hs.74061:X59372
 F-HEMBA1002748//ESTs, Weakly similar to C27H6.5 [C.elegans]//0.24:83:74//Hs.40806:AA018786
 20 F-HEMBA1002750//ESTs//5.8e-37:185:76//Hs.140577:AA827817
 F-HEMBA1002768//Homo sapiens mRNA for KIAA0554 protein, partial cds//2.9e-178:834:98//Hs.74750:AB011126
 F-HEMBA1002770//ESTs, Highly similar to TIP120 [R.norvegicus]//8.0e-98:492:96//Hs.11833:AI299947
 F-HEMBA1002777//Homo sapiens prostate apoptosis response protein par-4 mRNA, complete cds//3.9e-05:528:59//Hs.128208:U63809
 25 F-HEMBA1002779//ESTs//8.1e-134:662:96//Hs.107295:W80392
 F-HEMBA1002780//ESTs//3.8e-41:421:74//Hs.141576:N90326
 F-HEMBA1002794//Protein kinase C, mu//4.8e-06:244:67//Hs.2891:X75756
 F-HEMBA1002801//ESTs//2.1e-24:182:87//Hs.124633:AA856938
 30 F-HEMBA1002810//Homo sapiens formin binding protein 21 mRNA, complete cds//3.4e-169:820:97//Hs.28307:AF071185
 F-HEMBA1002816//ESTs//2.5e-91:387:94//Hs.8008:R52744
 F-HEMBA1002818//Homo sapiens UPH1 (UPH1) mRNA, complete cds//7.0e-122:733:89//Hs.6059:AF093119
 F-HEMBA1002826//ESTs//0.00015:235:62//Hs.119383:M279904
 35 F-HEMBA1002833
 F-HEMBA1002850//EST//0.0014:201:65//Hs.156235:AA770550
 F-HEMBA1002863//ESTs//1.2e-50:295:91//Hs.57980:W68823
 F-HEMBA1002876//ESTs, Weakly similar to HYPOTHETICAL 26.4 KD PROTEIN EEED8.8 IN CHROMOSOME II [C.elegans]//4.9e-18:110:94//Hs.13322:AA151730
 40 F-HEMBA1002886//EST//0.99:184:65//Hs.160684:AE79429
 F-HEMBA1002896//ESTs//2.1e-11:72:100//Hs.149215:AI051679
 F-HEMBA1002921
 F-HEMBA1002924//EST//3.7e-05:291:64//Hs.134677:AI088001
 F-HEMBA1002934//ESTs//2.3e-42:324:80//Hs.141658:N77915
 45 F-HEMBA1002935//Homo sapiens mRNA for KIAA0576 protein, partial cds//1.6e-174:803:99//Hs.14687:AB011148
 F-HEMBA1002937//ESTs, Weakly similar to homologous to mouse gene PC326:GenBank Accession Number M95564 [H.sapiens]//8.1e-36:256:85//Hs.36899:AA130053
 F-HEMBA1002939//H.sapiens mRNA for cytokine inducible nuclear protein//1.1e-05:479:59//Hs.74019:X83703
 50 F-HEMBA1002944//Human putative endothelin receptor type B-like protein mRNA, complete cds//0.83:326:58//Hs.27747:U87460
 F-HEMBA1002951//ESTs//6.1e-08:137:70//Hs.26762:AA913925
 F-HEMBA1002954//ESTs//9.3e-39:249:89//Hs.146185:R19099
 F-HEMBA1002968//ESTs//0.73:142:64//Hs.136371:AA506092
 55 F-HEMBA1002970//EST//2.9e-10:103:82//Hs.162580:AA593828
 F-HEMBA1002971//ESTs//3.5e-21:190:81//Hs.61170:AA454219
 F-HEMBA1002973//Phosphodiesterase 4B, cAMP-specific (dunce (Drosophila)-homolog phosphodiesterase E4) //1.5e-37:247:89//Hs.188:L20971

EP 1 074 617 A2

F-HEMBA1002997//Homo sapiens chromosome-associated protein-C (hCAP-C) mRNA, partial cds//1.7e-05:797:58//Hs.50758:AF092564
 F-HEMBA1002999//EST//9.9e-38:453:70//Hs.161635:W22525
 F-HEMBA1003021//Small inducible cytokine A5 (RANTES)//4.6e-49:373:81//Hs.155464:AF088219
 5 F-HEMBA1003033//ESTs//5.0e-64:340:95//Hs.154270:N26486
 F-HEMBA1003034//Homo sapiens PYRIN (MEFV) mRNA, complete cds//7.4e-70:330:78//Hs.113283:AF018080
 F-HEMBA1003035//Homo sapiens mRNA for testican-3//0.041:623:57//Hs.159425:AJ001454
 F-HEMBA1003037//EST//0.53:59:74//Hs.148011:M268003
 F-HEMBA1003041//ESTs, Weakly similar to F58G11.6 [C.elegans]//1.7e-64:337:95//Hs.I05907:AA186514
 10 F-HEMBA1003046//Homo sapiens mitochondrial processing peptidase beta-subunit mRNA, complete cds//3.2e-166:777:98//Hs.44097:AF054182
 F-HEMBA1003064//ESTs//3.2e-07:320:65//Hs.23466:AI223438
 F-HEMBA1003067
 F-HEMBA1003071//Homo sapiens hyperpolarization-activated channel 1 (IH1) mRNA, partial cds//1.5e-15:611:59//Hs.124161:AF065164
 15 F-HEMBA1003077//Homo sapiens KIAA0405 mRNA, complete cds//2.2e-29:542:62//Hs.48998:AB007865
 F-HEMBA1003078//CYTOCHROME P450 IVF3//2.0e-29:452:67//Hs.106242:AB002454
 F-HEMBA1003079//EST//2.0e-20:273:73//Hs.138001:AI034461
 F-HEMBA1003083//EST//2.0e-48:314:86//Hs.149580:AI281881
 20 F-HEMBA1003086//ESTs//2.6e-20:237:73//Hs.129331:AI090721
 F-HEMBA1003096//ESTs, Weakly similar to HMG-box transcription factor [M.musculus]//0.98:216:61//Hs.97865:AA405872
 F-HEMBA1003098//EST//2.9e-19:239:73//Hs.152366:AA486721
 F-HEMBA1003117//H.sapiens ERF-2 mRNA//0.0048:447:59//Hs.78909:U07802
 25 F-HEMBA1003129//Homo sapiens clone 24407 mRNA sequence//1.9e-06:507:58//Hs.12432:AF070575
 F-HEMBA1003133//Homo sapiens mRNA for KIAA0771 protein, partial cds//0.038:288:63//Hs.6162:AB018314
 F-HEMBA1003136
 F-HEMBA1003142//ESTs//3.6e-112:526:99//Hs.55982:AA284279
 F-HEMBA1003148//Homo sapiens mRNA for dachshund protein//2.2e-184:850:99//Hs.63931:AJ005670
 30 F-HEMBA1003166//Homo sapiens mRNA for KIAA0688 protein, complete cds//1.1e-24:171:83//Hs.I41874:AB014588
 F-HEMBA1003175//EST//0.91:168:60//Hs.123335:AA810740
 F-HEMBA1003179//EST, Weakly similar to hypothetical protein in purB 5' region [E.coli]//4.7e-20:118:97//Hs.II8831:AA211895
 35 F-HEMBA1003197//ESTs//0.049:265:58//Hs.153718:AI215523
 F-HEMBA1003199//SOX-3 PROTEIN//0.00034:383:60//Hs.157429:X71135
 F-HEMBA1003202//ESTs//7.1e-84:408:98//Hs.130134:AA905412
 F-HEMBA1003204//Homo sapiens PYRIN (MEFV) mRNA, complete cds//4.6e-33:154:85//Hs.113283:AF018080
 F-HEMBA1003212//ESTs//1.0e-31:159:84//Hs.134067:AI076765
 40 F-HEMBA1003220//EST//8.6e-29:317:73//Hs.150552:AI053784
 F-HEMBA1003222//ESTs//0.77:208:62//Hs.85451:AA181310
 F-HEMBA1003229//EST//0.084:233:60//Hs.98176:AA417012
 F-HEMBA1003235//Homo sapiens antigen NY-CO-16 mRNA, complete cds//0.00054:432:58//Hs.I32206:AF039694
 45 F-HEMBA1003250
 F-HEMBA1003257//Homo sapiens fibroblast growth factor 18 (FGF18) mRNA, complete cds//4.3e-08:426:64//Hs.49585:AF075292
 F-HEMBA1003273//EST//0.00078:195:65//Hs.158019:AA867991
 F-HEMBA1003276//EST//6.6e-09:159:74//Hs.162664:AA605020
 50 F-HEMBA1003278//ESTs//0.89:257:63//Hs.23207:R42864
 F-HEMBA1003281//ESTs//2.6e-33:175:98//Hs.122278:AA781867
 F-HEMBA1003286//Homo sapiens chromosome 3q13 beta-1,4-galactosyltransferase mRNA, complete cds//2.9e-146:539:97//Hs.13225:AF038662
 F-HEMBA1003291//Homo sapiens mRNA for KIAA0537 protein, complete cds//1.6e-167:799:98//Hs.12836:AB011109
 55 F-HEMBA1003296//EST//0.0013:49:97//Hs.137157:R44912
 F-HEMBA1003304//ESTs//0.047:164:64//Hs.94448:AA770160
 F-HEMBA1003309//ESTs//7.8e-123:589:98//Hs.I05486:AA521012

- F-HEMBA1003314//Homo sapiens mRNA for leucine zipper bearing kinase, complete cds//1.5e-189:865:99//Hs.124224:AB001872
- F-HEMBA1003322//H.sapiens mRNA for sigma 3B protein//4.5e-49:399:80//Hs.154782:X99459
- F-HEMBA1003327//EST//7.7e-10:165:72//Hs.114826:AA056254
- 5 F-HEMBA1003328//EST//0.00023:128:67//Hs.126467:AA913328
- F-HEMBA1003330
- F-HEMBA1003348//Human mRNA for KIAA0331 gene, complete cds//4.8e-26:256:78//Hs.146395:AB002329
- F-HEMBA1003369//Homo sapiens DNA from chromosome 19p13.2 cosmids R31240, R30272 and R28549 containing the EKLf, GCDH, CRTc, and RAD23A genes, genomic sequence//0.37:187:65//Hs.80265:AD000092
- 10 F-HEMBA1003370//ESTs//8.2e-36:196:79//Hs.139158:AA226159
- F-HEMBA1003373//ESTs//1.0:195:61//Hs.127307:AI263819
- F-HEMBA1003376//Clathrin, light polypeptide (Lcb)//2.3e-29:606:64//Hs.73919:X81637
- F-HEMBA1003380//ESTs//2.5e-21:303:70//Hs.37528:H58017
- F-HEMBA1003384//ESTs//0.14:281:61//Hs.159650:N95552
- 15 F-HEMBA1003395//ESTs//0.53:121:70//Hs.144873:AI202488
- F-HEMBA1003402//EST//0.029:148:66//Hs.116798:AA633813
- F-HEMBA1003403//Adducin 2 (beta) {alternative products }//5.0e-05:445:61//Hs.90951:U43959
- F-HEMBA1003408//ESTs//9.0e-12:87:98//Hs.70266:Z78309
- F-HEMBA1003417//Glutamate-cysteine ligase (gamma-glutamylcysteine synthetase), regulatory (30.8kD)//9.5e-05:541:58//Hs.89709:L35546
- 20 F-HEMBA1003418//ESTs//3.5e-85:399:100//Hs.154489:AA564962
- F-HEMBA1003433//Homo sapiens nibrin (NBS) mRNA, complete cds//2.0e-149:686:99//Hs.25812:AF058696
- F-HEMBA1003447//Human mRNA for KIAA0380 gene, complete cds//0.43:271:60//Hs.47822:AB002378
- F-HEMBA1003461//Glycoprotein Ib (platelet), beta polypeptide//4.8e-08:775:58//Hs.3847:U59632
- 25 F-HEMBA1003463//ESTs//3.3e-22:121:99//Hs.130847:AA058578
- F-HEMBA1003480//Homo sapiens mRNA for KIAA0700 protein, partial cds//0.16:321:60//Hs.13999:AB014600
- F-HEMBA1003528//ESTs//3.8e-53:315:91//Hs.129688:AA057443
- F-HEMBA1003531//Human mRNA for KIAA0033 gene, partial cds//4.9e-51:451:78//Hs.22271:D26067
- F-HEMBA1003538//ESTs//1.2e-82:415:96//Hs.162075:AI392811
- 30 F-HEMBA1003545//ISL1 transcription factor, LIM/homeodomain, (islet-1)//5.0e-75:736:73//Hs.505:U07559
- F-HEMBA1003548//ESTs//8.7e-77:411:95//Hs.163443:R23311
- F-HEMBA1003555//Human nucleotide-binding protein mRNA, complete cds//3.6e-33:562:64//Hs.81469:U01833
- F-HEMBA1003556
- F-HEMBA1003560//EST//3.7e-29:202:86//Hs.136858:AA767122
- 35 F-HEMBA1003568//ESTs//2.4e-06:214:65//Hs.143371:AI342327
- F-HEMBA1003569//Human metastasis-associated mtal mRNA, complete cds//2.0e-58:455:66//Hs.101448:U35113
- F-HEMBA1003571//ESTs//0.0025:198:63//Hs.116448:AA648972
- F-HEMBA1003579//ESTs//6.0e-110:513:99//Hs.97372:AA398546
- 40 F-HEMBA1003581//ESTs, Highly similar to TALIN [Mus musculus]//3.6e-19:108:99//Hs.18420:AA599232
- F-HEMBA1003591//ESTs, Weakly similar to R74.5 [C.elegans]//5.2e-85:487:92//Hs.57937:W68285
- F-HEMBA1003595//Membrane cofactor protein (CD46, trophoblast-lymphocyte cross-reactive antigen)//2.8e-06:439:62//Hs.83532:X59405
- F-HEMBA1003597//ESTs//0.0025:200:64//Hs.8473:T40827
- 45 F-HEMBA1003598//ESTs//0.18:187:63//Hs.98641:AA429916
- F-HEMBA1003615//ESTs, Highly similar to phosphorylation regulatory protein HP-10 [H.sapiens]//2.4e-133:644:97//Hs.3566:AA314782
- F-HEMBA1003617//Homa sapiens mRNA for HRIHFB2157, partial cds//7.9e-171:501:97//Hs.124956:AB015344
- F-HEMBA1003621//Homo sapiens protein inhibitor of activated STAT protein PIASx-alpha mRNA, complete cds//4.4e-16:161:78//Hs.111323:AF077954
- 50 F-HEMBA1003622//EST//0.0085:251:62//Hs.97343:AA401750
- F-HEMBA1003630//ESTs//7.5e-05:304:61//Hs.87131:AA233159
- F-HEMBA1003637//Homo sapiens homolog of the Aspergillus nidulans sudD gene product mRNA, complete cds//7.9e-26:546:63//Hs.109901:AF013591
- 55 F-HEMBA1003640//ESTs//1.1e-11:267:661//Hs.34359:AI122791
- F-HEMBA1003645
- F-HEMBA1003646
- F-HEMBA1003656

EP 1 074 617 A2

F-HEMBA1003662
 F-HEMBA1003667//ESTs//1.5e-27:235:81//Hs.55855:AA621381
 F-HEMBA1003679//ESTs//4.3e-49:251:97//Hs.152811:AA630906
 F-HEMBA1003680//Human plectin (PLEC1) mRNA, complete cds//3.4e-06:464:61//Hs.79706:U53204
 5 F-HEMBA1003684//ESTs, Weakly similar to zinc finger protein C2H2-171 [H.sapiens]//1.6e-100:478:98//Hs.118866:AI017072
 F-HEMBA1003690//Homo sapiens mRNA for KIAA0600 protein, partial cds//9.5e-74:606:77//Hs.9028:AF039691
 F-HEMBA1003692//ESTs//4.2e-43:252:92//Hs.39748:AA487187
 F-HEMBA1003711//Homo sapiens mRNA for KIAA0544 protein, partial cds//0.81:254:62//Hs.32316:AB011116
 10 F-HEMBA1003714//ESTs//6.4e-98:495:95//Hs.43846:N49995
 F-HEMBA1003715//ESTs//1.3e-11:228:69//Hs.101237:AA708760
 F-HEMBA1003720//Homo sapiens clone 23892 mRNA sequence//5.5e-45:692:68//Hs.91916:AF035317
 F-HEMBA1003725//EST//2.5e-46:228:100//Hs.160069:AA926921
 F-HEMBA1003729//ESTs//4.1e-48:253:96//Hs.26270:AA258839
 15 F-HEMBA1003733//Human Line-1 repeat mRNA with 2 open reading frames//8.6e-102:753:81//Hs.23094:M19503
 F-HEMBA1003742//Homo sapiens chromosome 19, cosmid
 R31180//0.16:242:62//Hs.153325:AC005390
 F-HEMBA1003758//ESTs//9.3e-12:408:61//Hs.148459:AI198946
 20 F-HEMBA1003760//Homo sapiens clone 23698 mRNA sequence//9.7e-35:430:69//Hs.8136:U81984
 F-HEMBA1003773//EST//0.76:191:61//Hs.127020:AA934920
 F-HEMBA1003783//ESTs, Weakly similar to C01H6.7 [C.elegans]//1.7e-24:224:81//Hs.18171:AA524327
 F-HEMBA1003784//ESTs//0.13:120:67//Hs.161993:AA503172
 F-HEMBA1003799//Interleukin 9 receptor//2.0e-17:263:70//Hs.1702:L39064
 25 F-HEMBA1003803//Homo sapiens calcium-activated potassium channel (KCNN3) mRNA, complete cds//0.13:222:61//Hs.89230:AF031815
 F-HEMBA1003804//ESTs//1.4e-112:275:98//Hs.72132:AF039239
 F-HEMBA1003805//Human p62 mRNA, complete cds//1.1e-11:523:60//Hs.119537:M88108
 F-HEMBA1003807//ESTs//4.1e-08:279:68//Hs.115679:AI379721
 30 F-HEMBA1003827//Homo sapiens mRNA for KIAA0616 protein, partial cds//3.3e-85:586:87//Hs.6051:AB014516
 F-HEMBA1003836//EST//6.8e-06:98:74//Hs.I45447:AI204220
 F-HEMBA1003838//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]//3.8e-40:151:88//Hs.139007:H74314
 F-HEMBA1003856//ESTs//8.6e-53286:95//Hs.116645:AI005167
 35 F-HEMBA1003864//Human mRNA for KIAA0369 gene, complete cds//0.11:144:66//Hs.21355:AB002367
 F-HEMBA1003866//Homo sapiens semaphorin F homolog mRNA, complete cds//4.3e-30:580:63//Hs.27621:U52840
 F-HEMBA1003879//Nuclear cap binding protein, 80kD//6.7e-10:87:95//Hs.89563:D32002
 F-HEMBA1003880
 40 F-HEMBA1003885//Homo sapiens mRNA for KIAA0752 protein, partial cds//4.2e-18:302:67//Hs.23711:AB018295
 F-HEMBA1003893//ESTs, Weakly similar to HYPOTHETICAL 27.8 KD PROTEIN IN VMA7-RPS31A INTERGENIC REGION [S.cerevisiae]//1.2e-49:295:92//Hs.114673:W72675
 F-HEMBA1003902//ESTs//1.1e-11:165:74//Hs.54632:AA976236
 F-HEMBA1003908//Homo sapiens mRNA for KIAA0525 protein, partial cds//0.081:345:58//Hs.78494:AB011097
 45 F-HEMBA1003926//EST//2.5e-32:253:83//Hs.132635:AI032875
 F-HEMBA1003937//Human mRNA for KIAA0391 gene, complete cds//2.9e-38:313:69//Hs.154668:AB002389
 F-HEMBA1003939//ESTs//3.4e-07:150:71//Hs.148926:R59562
 F-HEMBA1003942//EST, Weakly similar to 24 KD PROTEIN [Xenopus laevis]//0.0029:222:61//Hs.I44236:W52380
 F-HEMBA1003950//ESTs//0.98:200:62//Hs.163912:W20055
 50 F-HEMBA1003953//Zinc finger protein 7 (KOX 4, clone HF.16)//0.00014:271:66//Hs.2076:M29580
 F-HEMBA1003958//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//2.1e-44:243:76//Hs.91146:N73230
 F-HEMBA1003959//ESTs//0.067:251:59//Hs.39915:H78567
 F-HEMBA1003976//EST//6.7e-09:109:81//Hs.154635:AI138965
 55 F-HEMBA1003978
 F-HEMBA1003985//EST//0.32:115:69//Hs.102617:N47009
 F-HEMBA1003987//ESTs//7.8e-07:60:100//Hs.66058:AA424456
 F-HEMBA1003989//Homo sapiens HIV-1 inducer of short transcripts binding protein (FBI1) mRNA, complete cds//

0.022:349:58//Hs.104640:AF000561
 F-HEMBA1004000//EST//7.2e-07:200:66//Hs.119082:AA358468
 F-HEMBA1004011//EST//0.019:241:62//Hs.116989:AA676493
 F-HEMBA1004012//ESTs//3.6e-09:177:68//Hs.106132:AA812573
 5 F-HEMBA1004015//ESTs//3.0e-86:407:99//Hs.115679:AI379721
 F-HEMBA1004024//Homo sapiens mRNA for KIAA0772 protein, complete cds//5.2e-51:359:84//Hs.I5519:
 AB018315
 F-HEMBA1004038//ESTs//1.2e-58:324:94//Hs.61658:AI239930
 F-HEMBA1004042//EST//0.00088:272:61//Hs.155763:AI312281
 10 F-HEMBA1004045//EST//2.7e-20:408:66//Hs.I62529:AA584160
 F-HEMBA1004048//Transforming growth factor beta//0.026:462:57//Hs.6101:M60315
 F-HEMBA1004049//ESTs//8.1e-68:430:86//Hs.146307:AA584638
 F-HEMBA1004055//Human chromosome 3p21.1 gene sequence//1.5e-10:457:58//Hs.82837:L13435
 F-HEMBA1004056//Homo sapiens mRNA for alpha(1,2)fucosyltransferase, complete cds//1.5e-46:199:80//Hs.
 15 46328:D87942
 F-HEMBA1004074//ESTs//3.0e-23:219:74//Hs.70279:AA757426
 F-HEMBA1004086//EST//0.36:189:62//Hs.156218:AA770107
 F-HEMBA1004097//NADH-CYTOCHROME B5 REDUCTASE//1.0:302:57//Hs.75666:M28713
 F-HEMBA1004111//Human G protein-coupled receptor (STRL22) mRNA, complete cds//4.3e-39:335:79//Hs.
 20 46468:U45984
 F-HEMBA1004131//Human mRNA for KIAA0202 gene, partial cds//1.9e-24:610:61//Hs.80712:D86957
 F-HEMBA1004132//EST//3.5e-06:143:70//Hs.136799:AA780064
 F-HEMBA1004133//ESTs//1.0:157:68//Hs.161226:AI419759
 F-HEMBA1004138//H.sapiens mRNA for RanGTPase activating protein 1//0.00055:343:62//Hs.5923:X82260
 25 F-HEMBA1004143
 F-HEMBA1004146
 F-HEMBA1004150//EST//0.0046:402:57//Hs.147027:AI186056
 F-HEMBA1004164//Homo sapiens mRNA for KIAA0798 protein, complete cds//1.8e-15:591:60//Hs.159277:
 AB018341
 30 F-HEMBA1004168//Homo sapiens geminin mRNA, complete cds//1.5e-134:649:97//Hs.59988:AF067855
 F-HEMBA1004199
 F-HEMBA1004200//ESTs//0.0083:150:66//Hs.116424:AI375427
 F-HEMBA1004202//ESTs, Weakly similar to GTP-BINDING PROTEIN YPTM1 [Zea mays]//1.2e-35:205:94//Hs.
 10092:AI189282
 35 F-HEMBA1004203//ESTs//3.9e-14:237:70//Hs.118273:AA626040
 F-HEMBA1004207//Leptin receptor//1.1e-167:791:98//Hs.54515:U50748
 F-HEMBA1004225//ESTs//0.00087:231:64//Hs.13109:AA192514
 F-HEMBA1004227//ESTs, Weakly similar to F55A11.4 [C.elegans]//0.012:156:67//Hs.I63588:AI073878
 F-HEMBA1004238
 40 F-HEMBA1004241//ESTs//8.7e-05:51:96//Hs.162826:AA679571
 F-HEMBA1004246//EST//1.2e-36:198:96//Hs.121343:AA758522
 F-HEMBA1004248//Homo sapiens insulin induced protein 1 (INSIG1) gene, complete cds//1.1e-28:295:72//Hs.
 56205:U96876
 F-HEMBA1004264//Human HCF1 gene related mRNA sequence//3.1e-07:553:60//Hs.83634:U52112
 45 F-HEMBA1004267//Homo sapiens mRNA for KIAA0688 protein, complete cds//4.9e-73:490:77//Hs.141874:
 AB014588
 F-HEMBA1004272
 F-HEMBA1004274//EST//0.43:154:61//Hs.125347:AA876444
 F-HEMBA1004275//Human mRNA for KIAA0333 gene, partial cds//0.71:118:65//Hs.155313:AB002331
 50 F-HEMBA1004276//Homo sapiens mRNA for KIAA0800 protein, complete cds//1.0:364:56//Hs.118738:AB018343
 F-HEMBA1004286//Homo sapiens TGF beta receptor associated protein-1 mRNA, complete cds//6.9e-187:868:
 99//Hs.101766:AF022795
 F-HEMBA1004289
 F-HEMBA1004295//EST//0.20:149:62//Hs.162415:AA573484
 55 F-HEMBA1004306//ESTs//0.041:177:64//Hs.158234:AI270047
 F-HEMBA1004312//ESTs//0.83:253:59//Hs.121898:AI336314
 F-HEMBA1004321//Zinc finger protein 136 (clone pHZ-20)//2.3e-40:452:65//Hs.69740:U09367
 F-HEMBA1004323//EST//0.44:134:64//Hs.145464:AI204532

EP 1 074 617 A2

F-HEMBA1004327//Homo sapiens SOX22 protein (SOX22) mRNA, complete cds//0.017:209:64//Hs.43627:U35612
F-HEMBA1004330//ESTs//4.5e-27:171:91//Hs.112838:AA614062
F-HEMBA1004334//EST//2.4e-53:556:75//Hs.139093:AA166888
5 F-HEMBA1004335//Homo sapiens mRNA for KIAA0706 protein, complete cds//0.49:80:73//Hs.139648:AB014606
F-HEMBA1004341
F-HEMBA1004353//Homo sapiens mRNA for c-myc binding protein, complete cds//2.7e-39:270:86//Hs.80686:D89667
F-HEMBA1004354//Human CHL1 potential helicase (CHLR1), complete cds//1.3e-46:190:92//Hs.27424:U75968
10 F-HEMBA1004356//Thyrotropin-releasing hormone receptor//0.15:296:62//Hs.3022:D85376
F-HEMBA1004366//ESTs, Weakly similar to transposon LRE2 reverse transcriptase homolog [H.sapiens]//7.8e-10:396:61//Hs.33688:AA020928
F-HEMBA1004372//ESTs//0.90:172:62//Hs.145611:R68800
F-HEMBA1004389//Zinc finger protein 148 (pHZ-52)//8.0e-28:359:67//Hs.112180:AF039019
15 F-HEMBA1004394//ESTs//0.023:357:58//Hs.47212:N51250
F-HEMBA1004396//EST//3.4e-22:244:74//Hs.162554:AA584818
F-HEMBA1004405//EST//4.0e-43:214:100//Hs.33100:H42199
F-HEMBA1004408//ESTs, Weakly similar to The ha1539 protein is related to cyclophilin. [H.sapiens]//1.4e-20:144:88//Hs.121076:AI246426
20 F-HEMBA1004429//Fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase, Bombay phenotype included)//4.8e-18:248:72//Hs.69747:M35531
F-HEMBA1004433//Small inducible cytokine A5 (RANTES)//8.2e-39:248:81//Hs.155464:AF088219
F-HEMBA1004460//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.6e-87:650:81//Hs.113283:AF018080
F-HEMBA1004461//ESTs//0.057:217:61//Hs.26989:Z41606
25 F-HEMBA1004479//Homo sapiens clone 23698 mRNA sequence//4.9e-17:223:71//Hs.8136:U81984
F-HEMBA1004482//EST//0.0056:261:59//Hs.45012:N39450
F-HEMBA1004499//ESTs//4.1e-68:340:97//Hs.134266:AA992600
F-HEMBA1004502//ESTs//7.7e-32:195:91//Hs.134906:H93431
F-HEMBA1004506//Human Line-1 repeat mRNA with 2 open reading frames//9.0e-89:758:76//Hs.23094:M19503
30 F-HEMBA1004507//ESTs, Weakly similar to T19B10.6 [C.elegans]//1.4e-61:296:99//Hs.114622:AA693492
F-HEMBA1004509//Homo sapiens suppressor of white apricot homolog 2 (SWAP2) mRNA, complete cds//0.014:265:61//Hs.43543:AF042800
F-HEMBA1004534//Filamin 1 (actin-binding protein-280)//5.0e-74:678:74//Hs.76279:X53416
F-HEMBA1004538//EST//0.00047:268:58//Hs.136870:AA805381
35 F-HEMBA1004542//Human butyrophilin protein (BT3.3) mRNA, partial cds//0.74:74:75//Hs.87497:U90552
F-HEMBA1004554
F-HEMBA1004560//ESTs//3.1e-19:240:73//Hs.112637:AA805331
F-HEMBA1004573//EST//2.4e-59:290:99//Hs.112908:AA620802
F-HEMBA1004577//ESTs, Weakly similar to UTR1 PROTEIN [S.cerevisiae]//1.2e-17:334:67//Hs.24536:
40 AA479825
F-HEMBA1004586//Von Hippel-Lindau syndrome//5.1 e-35:337:78//Hs.78160:AF010238
F-HEMBA1004596//ESTs//3.3e-32:189:94//Hs.42530:N41661
F-HEMBA1004604//Human hindlimb expressed homeobox protein backfoot (Bft) mRNA, complete cds//0.42:186:66//Hs.84136:1170370
45 F-HEMBA1004610//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//2.3e-16:297:68//Hs.106008:AA147606
F-HEMBA1004617//EST//0.027:188:61//Hs.I59094:AI383198
F-HEMBA1004629//ESTs//7.8e-09:348:63//Hs.138358:T66178
F-HEMBA1004631//EST//0.0012:268:60//Hs.150685:AA923416
50 F-HEMBA1004632//ESTs//0.82:125:67//Hs.143619:AI360891
F-HEMBA1004637//ESTs//0.0034:229:64//Hs.157178:AI346780
F-HEMBA1004638//ESTs//2.0e-11:166:71//Hs.128657:AI017522
F-HEMBA1004666//EST//0.44:294:58//Hs.44780:N36083
F-HEMBA1004669//ESTs//1.7e-28:200:86//Hs.8084:W22796
55 F-HEMBA1004670//Mucin 1, transmembrane//0.060:416:57//Hs.89603:J05582
F-HEMBA1004672//ESTs//0.27:44:95//Hs.86237:AA206141
F-HEMBA1004693//ESTs//5.3e-55:301:95//Hs.159066:AI093252
F-HEMBA1004697//H.sapiens mRNA for ribosomal protein L18a homologue//0.64:313:61//Hs.118578:X80821

- F-HEMBA1004705//Homo sapiens KIAA0432 mRNA, complete cds//4.5e-19:230:73//Hs.155174:AB007892
 F-HEMBA1004709//ESTs//3.1e-31:176:88//Hs.152413:AA780515
 F-HEMBA1004711//Cholinergic receptor, nicotinic, delta polypeptide//1.0:244:57//Hs.99975:X55019
 F-HEMBA1004725//Homo sapiens agrin precursor mRNA, partial cds//0.24:328:60//Hs.68900:AF016903
 5 F-HEMBA1004730//ESTs, Weakly similar to ORF2-like protein [H.sapiens]//5.9e-32:476:70//Hs.116874:AA524909
 F-HEMBA1004733//ESTs//3.8e-16:96:79//Hs.152413:AA780515
 F-HEMBA1004734//Human epidermoid carcinoma mRNA for ubiquitin-conjugating enzyme E2 similar to Drosophila bendless gene product, complete cds//0.16:329:58//Hs.75355:D83004
 10 F-HEMBA1004736//Human Line-1 repeat mRNA with 2 open reading frames//2.0e-61:663:71//Hs.23094:M19503
 F-HEMBA1004748//ESTs//1.5e-05:343:63//Hs.42241:H96813
 F-HEMBA1004751//ESTs//3.7e-32:147:80//Hs.138788:N54504
 F-HEMBA1004752//Homo sapiens mRNA for KIAA0288 gene, complete cds//0.00020:521:59//Hs.91400:AB006626
 15 F-HEMBA1004753//Homo sapiens DEC-205 mRNA, complete cds//5.1e-46:337:84//Hs.I53563:AF011333
 F-HEMBA1004756//Human transporter protein (g17) mRNA, complete cds//3.1e-24:416:65//Hs.76460:U49082
 F-HEMBA1004758//Homo sapiens transcription factor SL1 mRNA, complete cds//1.2e-136:769:91//Hs.153088:L39060
 F-HEMBA1004763//Loricrin//0.0018:227:62//Hs.I55657:M61120
 20 F-HEMBA1004768//Human Line-1 repeat mRNA with 2 open reading frames//4.5e-115:909:78//Hs.23094:M19503
 F-HEMBA1004770//Human Rad50 (Rad50) mRNA, complete cds//0.020:728:57//Hs.41587:U63139
 F-HEMBA1004771
 F-HEMBA1004776//ESTs, Weakly similar to progesterone receptor-related protein p23 [H.sapiens]//1.0:158:63//Hs.62004:AF039235
 25 F-HEMBA1004778//ESTs//1.2e-70:336:99//Hs.113052:AI222106
 F-HEMBA1004795
 F-HEMBA1004803//ESTs//5.0e-75:454:88//Hs.138632:H97952
 F-HEMBA1004806//EST//0.080:142:65//Hs.160268:AI148971
 30 F-HEMBA1004807//Human HIV1 tata element modulatory factor mRNA sequence from chromosome 3//4.5e-48:171:92//Hs.134510:L01042
 F-HEMBA1004816//EST//1.0e-17:175:71//Hs.140680:AA873646
 F-HEMBA1004820//ESTs//1.3e-136:629:99//Hs.160726:AI300481
 F-HEMBA1004847//ESTs//2.1 e-09:66:98//Hs.158161:AA312511
 35 F-HEMBA1004850//EST//0.033:253:64//Hs.158782:A376601
 F-HEMBA1004863//Homo sapiens mRNA for KIAA0578 protein, partial cds//0.83:179:62//Hs.22998:AB011150
 F-HEMBA1004864//ESTs, Weakly similar to ANON-66Db [D.melanogaster]//1.7e-13:81:100//Hs.75884:AA446987
 F-HEMBA1004865//ESTs//0.92:148:65//Hs.126980:AA934077
 40 F-HEMBA1004880//H.sapiens mRNA for retrotransposon//1.2e-30:264:79//Hs.6940:Z48633
 F-HEMBA1004889//Growth arrest-specific I//0.20:146:68//Hs.65029:L13698
 F-HEMBA1004900//ESTs//1.6e-32:196:93//Hs.132032:R85304
 F-HEMBA1004909//ESTs//3.4e-13:154:75//Hs.151467:N51106
 F-HEMBA1004918//EST//0.78:122:61//Hs.I45491:AI254348
 45 F-HEMBA1004923//ELK1, member of ETS oncogene family//1.6e-40:340:79//Hs.116549:AL009172
 F-HEMBA1004929//Cardiac gap junction protein//0.0048:588:57//Hs.74471:X52947
 F-HEMBA1004930//ESTs//1.5e-17:227:74//Hs.148739:AI224959
 F-HEMBA1004933//Human pseudoautosomal homeodomain-containing protein (PHOG) mRNA, complete cds//0.11:182:65//Hs.105932:U89331
 50 F-HEMBA1004934
 F-HEMBA1004944//EST//1.2e-67:349:96//Hs.162281:AA553981
 F-HEMBA1004954//ESTs//0.014:404:60//Hs.11177:AA417813
 F-HEMBA1004956//EST//2.3e-05:208:64//Hs.146958:AI174478
 F-HEMBA1004960//ESTs//0.79:169:62//Hs.11637:W03274
 55 F-HEMBA1004972
 F-HEMBA1004973//Homo sapiens mRNA for KIAA0445 protein, complete cds//0.073:574:58//Hs.154139:AB007914
 F-HEMBA1004977//EST//4.4e-12:86:94//Hs.157819:AI361946

F-HEMBA1004978//ESTs//0.097:337:60//Hs.114157:AA703013
 F-HEMBA1004980//EST//3.2e-10:169:65//Hs.149123:AI244750
 F-HEMBA1004983//EST//0.93:85:71//Hs.162267:AA553589
 F-HEMBA1004995//ESTs//0.46:296:61//Hs.135168:AI394026
 5 F-HEMBA1005008//ESTs//1.5e-20:156:85//Hs.114140:U35429
 F-HEMBA1005009//Homo sapiens chromosome 7q22 sequence//1.5e-52:379:72//Hs.151887:AF053356
 F-HEMBA1005019//Homo sapiens mRNA for KIAA0648 protein, partial cds//4.5e-148:693:98//Hs.31921:AB014548
 F-HEMBA1005029//Homo sapiens mRNA for KIAA0660 protein, complete cds//1.0:215:65//Hs.6727:AB014560
 10 F-HEMBA1005035//ESTs, Weakly similar to HYPOTHETICAL 82.8 KD PROTEIN B0303.4 IN CHROMOSOME III [C.elegans]//9.4e-106:503:98//Hs.21362:AF039237
 F-HEMBA1005039//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//5.8e-60:272:89//Hs.103948:K00627
 F-HEMBA1005047//Homo sapiens MAD-related gene SMAD7 (SMAD7) mRNA, complete cds//0.078:442:59//Hs.100602:AF010193
 15 F-HEMBA1005050//H.sapiens ERF-2 mRNA//0.0025:251:63//Hs.78909:U07802
 F-HEMBA1005062//ESTs//0.020:268:59//Hs.146181:AI264462
 F-HEMBA1005066//Homo sapiens X-ray repair cross-complementing protein 2 (XRCC2) mRNA, complete cds//1.5e-59:411:85//Hs.129727:AF035587
 F-HEMBA1005075//Human mRNA for KIAA0383 gene, partial cds//0.00010:395:57//Hs.27590:AB002381
 20 F-HEMBA1005079//Dihydrolipoamide branched chain transacylase (E2 component of branched chain keto acid dehydrogenase complex)//3.5e-26:344:72//Hs.89479:X66785
 F-HEMBA1005083//Homo sapiens centrosomal Nek2-associated protein 1 (C-NAP1) mRNA, complete cds//0.59:631:59//Hs.27910:AF049105
 F-HEMBA1005101//Homo sapiens SYT interacting protein SIP mRNA, complete cds//4.1e-163:762:98//Hs.11170:AF080561
 25 F-HEMBA1005113//ESTs//0.52:109:68//Hs.106330:AI031916
 F-HEMBA1005123//Homo sapiens mRNA for KIAA0761 protein, partial cds//1.3e-52:468:78//Hs.93121:AB018304
 F-HEMBA1005133//ESTs//1.6e-27:366:73//Hs.151467:N51106
 F-HEMBA1005149//EST//3.3e-37:304:80//Hs.132635:AI032875
 30 F-HEMBA1005152//ESTs//3.9e-09:285:62//Hs.155876:AA593021
 F-HEMBA1005159//EST//8.4e-05:289:64//Hs.125563:AA884216
 F-HEMBA1005185//ESTs//1.4e-22:129:96//Hs.14920:AA910914
 F-HEMBA1005201//EST//4.0e-16:96:98//Hs.89002:AA282197
 F-HEMBA1005202
 35 F-HEMBA1005206//Homo sapiens sox1 gene//0.0079:431:58//Hs.144029:Y13436
 F-HEMBA1005219//ESTs//4.3e-47:299:88//Hs.5019:W26547
 F-HEMBA1005223//ESTs//0.00030:168:66//Hs.76487:N37081
 F-HEMBA1005232//EST//0.0078:209:61//Hs.46852:N48302
 F-HEMBA1005241//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//6.0e-54:399:79//Hs.129735:AF010144
 40 F-HEMBA1005244//ESTs//2.5e-14:85:10011Hs.128744:AI191922
 F-HEMBA1005251//ESTs//0.012:49:95//Hs.161554:AA393896
 F-HEMBA1005252//Homo sapiens mRNA for KIAA0585 protein, partial cds//4.7e-151:705:98//Hs.72660:AB011157
 45 F-HEMBA1005274//ESTs//7.1e-09:298:64//Hs.145522:AI261380
 F-HEMBA1005275//ESTs//7.9e-13:375:63//Hs.148974:AA001777
 F-HEMBA1005293//Homo sapiens clone 23662 mRNA sequence//7.7e-22:338:65//Hs.12451:U97018
 F-HEMBA1005296//ESTs//0.055:299:60//Hs.86320:AI149232
 F-HEMBA1005304//Small inducible cytokine A5 (RANTES)//1.7e-45:322:85//Hs.155464:AF088219
 50 F-HEMBA1005311
 F-HEMBA1005314//ESTs//8.1e-39:199:98//Hs.119974:AI279516
 F-HEMBA1005315//ESTs//1.9e-07:266:64//Hs.141440:N21615
 F-HEMBA1005318//ESTs//5.3e-06:161:72//Hs.119411:AA937117
 F-HEMBA1005331//Human checkpoint suppressor 1 mRNA, complete cds//0.00075:310:63//Hs.111597:U68723
 55 F-HEMBA1005338//Homo sapiens mRNA for matrilin-4, partial//4.4e-153:740:97//Hs.29361:AJ007581
 F-HEMBA1005353//EST//5.4e-09:2-22:68//Hs.119508:AA485732
 F-HEMBA1005359//Zinc finger protein 137 (clone pHZ-30)//5.7e-100:500:88//Hs.151689:U09414
 F-HEMBA1005367//Homo sapiens melastatin 1 (MLSN1) mRNA, complete cds//2.5e-70:572:73//Hs.43265:

AF071787
 F-HEMBA1005372//ESTs//0.00045:163:66//Hs.164058:AI417905
 F-HEMBA1005374//Human melanoma antigen recognized by T-cells (MART-1) mRNA//6.1e-43:341:81//Hs.
 154069:U06452
 5 F-HEMBA1005382//EST//2.4e-32:167:99//Hs.147186:AI93053
 F-HEMBA1005389//ESTs//0.0021:245:59//Hs.104463:AA804448
 F-HEMBA1005394//ESTs, Weakly similar to No definition line found [C.elegans]//1.0e-130:620:98//Hs.108990:
 N25951
 F-HEMBA1005403//ESTs, Weakly similar to No definition line found [C.elegans]//7.7e-151:727:97//Hs.17118:
 10 AI033807
 F-HEMBA1005408//ESTs//3.2e-70:426:89//Hs.158078:H24513
 F-HEMBA1005410//EST//2.5e-25:460:67//Hs.138765:N70347
 F-HEMBA1005411
 F-HEMBA1005423//Homo sapiens cyclin-dependent kinase inhibitor (CDKN2C) mRNA, complete cds//3.3e-171:
 15 537:99//Hs.4854:AF041248
 F-HEMBA1005426//EST//1.0:148:64//Hs.44469:N33323
 F-HEMBA1005443//Zinc finger protein 157 (HZF22)//9.0e-34:259:72//Hs.89897:U28687
 F-HEMBA1005447//EST//3.9e-10:211:70//Hs.145960:AI276783
 F-HEMBA1005468//ESTs//8.4e-53:390:81//Hs.152395:AA533107
 20 F-HEMBA1005469//Human (clone E5.1) RNA-binding protein mRNA, complete cds//3.1e-29:155:99//Hs.75104:
 L37368
 F-HEMBA1005472//Human Line-1 repeat mRNA with 2 open reading frames//1.4e-88:481:92//Hs.23094:M19503
 F-HEMBA1005474//Small inducible cytokine A5 (RANTES)//4.2e-29:257:78//Hs.155464:AF088219
 F-HEMBA1005475//Homo sapiens antigen NY-CO-16 mRNA, complete cds//5.3e-09:414:60//Hs.132206:
 25 AF039694
 F-HEMBA1005497//Glucocorticoid receptor alpha { alternative products}//8.7e-41:588:69//Hs.102761:U25029
 F-HEMBA1005500//Homo sapiens PAC clone DJ1093017 from 7q11.23-q21//1.1e-28:318:73//Hs.159530:
 AC004957
 F-HEMBA1005506//Human mRNA for KIAA0010 gene, complete cds//0.67:351:58//Hs.155287:D13635
 30 F-HEMBA1005508//ESTs//0.45:326:59//Hs.102756:AA526911
 F-HEMBA1005511//Human mRNA for KIAA0355 gene, complete cds//4.2e-49:400:79//Hs.153014:AB002353
 F-HEMBA1005513//ESTs, Weakly similar to males-absent on the first [D.melanogaster]//5.3e-76:378:97//Hs.
 22767:N99220
 F-HEMBA1005517//Homo sapiens transcription factor forkhead-like 7 (FKHL7) gene, complete cds//0.54:623:56//
 35 Hs.143551:AF048693
 F-HEMBA1005518//ESTs//0.10:207:60//Hs.72447:AA160575
 F-HEMBA1005520//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//3.1e-55:288:85//Hs.144563:
 AF057280
 F-HEMBA1005526//Small inducible cytokine A5 (RANTES)//5.4e-48:176:76//Hs.155464:AF088219
 40 F-HEMBA1005528//ESTs, Highly similar to POP2 PROTEIN [Saccharomyces cerevisiae]//1.2e-30:166:96//Hs.
 17035:AI080471
 F-HEMBA1005530
 F-HEMBA1005548//Homo sapiens short form transcription factor C-MAF (c-maf) mRNA, complete cds//4.6e-18:
 391:64//Hs.30250:AF055376
 45 F-HEMBA1005552//ESTs//1.8e-46:238:88//Hs.138856:H47461
 F-HEMBA1005558//Human involucrin mRNA//3.0e-07:501:60//Hs.157091:M13903
 F-HEMBA1005568//ESTs//0.013:259:63//Hs.13669:H47257
 F-HEMBA1005570//ESTs//0.0084:442:59//Hs.125384:AI346507
 F-HEMBA1005576//Homo sapiens mRNA for KIAA0463 protein, partial cds//1.9e-128:610:98//Hs.77738:
 50 AB007932
 F-HEMBA1005577//ESTs//0.98:199:61//Hs.146226:AI312873
 F-HEMBA1005581//Homo sapiens mRNA for MEGF5, partial cds//9.1e-53:830:64//Hs.57929:AB011538
 F-HEMBA1005582
 F-HEMBA1005583
 55 F-HEMBA1005588//ESTs//1.3e-35:386:70//Hs.55855:AA621381
 F-HEMBA1005593//S-ADENOSYLMETHIONINE SYNTHETASE ALPHA AND BETA
 FORMS//0.54:439:591//Hs.2137:D49357
 F-HEMBA1005595//Human mRNA for KIAA0325 gene, partial cds//5.5e-06:378:57//Hs.7720:AB002323

EP 1 074 617 A2

F-HEMBA1005606//EST//2.0e-60:324:94//Hs.5062:D19609
 F-HEMBA1005609//ESTs//6.0e-39:378:76//Hs.142242:H06982
 F-HEMBA1005616//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//8.2e-22:721:61//Hs.144563:AF057280
 5 F-HEMBA1005621//ESTs, Weakly similar to MITOTIC MAD2 PROTEIN [S.cerevisiae]//1.8e-89:454:96//Hs.19400:AA662845
 F-HEMBA1005627//EST//1.0:161:60//Hs.162765:AA622535
 F-HEMBA1005631//EST//0.74:124:62//Hs.156185:AA723734
 F-HEMBA1005632//ESTs//1.0:96:70//Hs.141321:N70199
 10 F-HEMBA1005634//EST//6.6e-10:105:73//Hs.159692:AI416956
 F-HEMBA1005666
 F-HEMBA1005670//Homo sapiens mRNA for KIAA0570 protein, complete cds//2.7e-45:255:79//Hs.114293:AB011142
 F-HEMBA1005679//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//1.2e-37:356:77//Hs.139107:K00629
 15 F-HEMBA1005680
 F-HEMBA1005685
 F-HEMBA1005699//Human putative EPH-related PTK receptor ligand LERK-8 (Eplg8) mRNA, complete cds//3.3e-71:497:85//Hs.26988:U66406
 F-HEMBA1005705//ESTs//0.00093:149:65//Hs.163564:R43678
 20 F-HEMBA1005717//EST//0.018:115:66//Hs.160541:AI270143
 F-HEMBA1005732//Farnesyl diphosphate synthase (farnesyl pyrophosphate synthetase, dimethylallyltranstransferase, geranyltranstransferase)//2.6e-20:151:88//Hs.77393:D14697
 F-HEMBA1005737//ESTs//9.5e-34:235:88//Hs.160197:AA393754
 F-HEMBA1005746//ESTs//0.20:260:59//Hs.112451:AI264024
 25 F-HEMBA1005755//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//1.8e-48:425:78//Hs.103948:K00627
 F-HEMBA1005765//Small inducible cytokine A5 (RANTES)//1.3e-36:280:81//Hs.155464:AF088219
 F-HEMBA1005780//ESTs//1.0:139:67//Hs.88684:AA885141
 F-HEMBA10058131//ESTs//0.012:209:63//Hs.113365:R77747
 F-HEMBA1005815//Human calpain-like protease (htra-3) mRNA, complete cds//2.0e-07:439:62//Hs.6133:U94346
 30 F-HEMBA1005822//ESTs//9.3e-06:444:59//Hs.124344:T10577
 F-HEMBA1005829//ESTs//1.1e-47:394:80//Hs.146811:AA410788
 F-HEMBA1005834//Human Line-1 repeat mRNA with 2 open reading frames//7.9e-42:690:66//Hs.23094:M19503
 F-HEMBA1005852//Human plectin (PLEC1) mRNA, complete cds//0.17:470:56//Hs.79706:U53204
 F-HEMBA1005853//EST//0.013:211:60//Hs.162604:AA595150
 35 F-HEMBA1005884//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//1.4e-53:332:83//Hs.158095:AB007953
 F-HEMBA1005891//ESTs//1.1e-77:393:97//Hs.28545:AI268097
 F-HEMBA1005894//Human G protein-coupled receptor (STRL22) mRNA, complete cds//7.2e-45:411:77//Hs.46468:U45984
 40 F-HEMBA1005909//Human neuropeptide y2 receptor mRNA, complete cds//0.00054:477:59//Hs.37125:U42766
 F-HEMBA1005911//Thromboxane A2 receptor//4.1e-45:419:75//Hs.89887:D38081
 F-HEMBA1005921//Homo sapiens haemopoietic progenitor homeobox HPX42B (HPX42B) mRNA, complete cds//2.0e-46:434:78//Hs.125231:AF068006
 F-HEMBA1005931//ESTs, Weakly similar to kruppel-related zinc finger protein [H.sapiens]//1.2e-46:228:100//Hs.152178:AI224880
 45 F-HEMBA1005934//EST//3.1e-14:121:85//Hs.150003:AI291588
 F-HEMBA1005962//EST//0.0010:212:62//Hs.163197:AA767883
 F-HEMBA1005963
 F-HEMBA1005990//Homo sapiens I-1 receptor candidate protein mRNA, complete cds//4.2e-151:697:99//Hs.26285:AF082516
 50 F-HEMBA1005991//EST//3.0e-07:361:59//Hs.146442:AI127530
 F-HEMBA1005999//EST//1.2e-14:350:66//Hs.122326:AA782526
 F-HEMBA1006002
 F-HEMBA1006005//ESTs, Weakly similar to TH1 protein [D.melanogaster]//0.98:197:61//Hs.5184:AA709151
 55 F-HEMBA1006031
 F-HEMBA1006035
 F-HEMBA1006036//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.4e-92:617:84//Hs.113283:AF018080
 F-HEMBA1006042//ESTs//6.3e-41:161:81//Hs.41186:R99609

EP 1 074 617 A2

F-HEMBA1006067//ESTs//2.0e-74:354:99//Hs.43321:AI139422
 F-HEMBA1006081
 F-HEMBA1006090//EST//1.2e-12:340:62//Hs.61195:AI418788
 F-HEMBA1006091//ESTs//4.7e-98:473:98//Hs.9658:AA506313
 5 F-HEMBA1006100//ESTs//7.1 e-22:273:73//Hs.144407:AA737799
 F-HEMBA1006108//ESTs, Weakly similar to ZK792.1 [C.elegans]//2.1e-26:273:66//Hs.8763:W30741
 F-HEMBA1006121//EST//0.00012:232:59//Hs.117096:AA677968
 F-HEMBA1006124//EST//0.047:251:62//Hs.132257:AI027222
 F-HEMBA1006130//Human HOX4C mRNA for a homeobox protein//1.0:150:62//Hs.74061:X59372
 10 F-HEMBA1006138//ESTs//1.8e-27:132:84//Hs.141575:AA211734
 F-HEMBA1006142//EST//2.5e-47:310:87//Hs.149580:AI281881
 F-HEMBA1006155
 F-HEMBA1006158//ESTs//5.1e-105:506:98//Hs.93468:N40575
 F-HEMBA1006173//ESTs//2.5e-24:195:84//Hs.79092:H29627
 15 F-HEMBA1006182//ESTs//2.5e-19:237:72//Hs.141840:AA028117
 F-HEMBA1006198//ESTs//0.017:133 :67//Hs.142168:AA292540
 F-HEMBA1006235//Homo sapiens clone 24422 mRNA sequence//8.6e-177:836:98//Hs.109268:AF070557
 F-HEMBA1006248//Human zinc finger protein (MAZ) mRNA//0.0014:221:67//Hs.7647:M94046
 F-HEMBA1006252
 20 F-HEMBA1006253//EST//1.3e-100:467:100//Hs.146619:AI140706
 F-HEMBA1006259//Homo sapiens mRNA for KIAA0798 protein, complete cds//0.00037:158:69//Hs.159277:
 AB018341
 F-HEMBA1006268//ESTs//1.1e-20:376:67//Hs.72814:AA706631
 F-HEMBA1006272//EST//4.8e-20:252:69//Hs.162992:AA688140
 25 F-HEMBA1006278//H.sapiens PAP mRNA//6.5e-57:610:71//Hs.49007:X76770
 F-HEMBA1006283
 F-HEMBA1006284//ESTs//0.00017:248:63//Hs.143840:AI189964
 F-HEMBA1006291
 F-HEMBA1006293
 30 F-HEMBA1006309//Homo sapiens T cell immune response cDNA7 (TIRC7) mRNA, complete cds//0.76:416:58//
 Hs.46465:U45285
 F-HEMBA1006310//Homo sapiens mRNA for KIAA0602 protein, partial cds//9.3e-49:637:68//Hs.37656:AB011174
 F-HEMBA1006328//ESTs//1.8e-71:429:88//Hs.139922:AA281350
 F-HEMBA1006334//EST//0.082:267:57//Hs.136449:AA572789
 35 F-HEMBA1006344//ESTs//6.2e-08:67:94//Hs.42302:AI032142
 F-HEMBA1006347//ESTs, Weakly similar to males-absent on the first [D.melanogaster]//5.3e-76:378:97//Hs.
 22767:N99220
 F-HEMBA1006349//ESTs//0.87:276:60//Hs.23628:H03287
 F-HEMBA1006359//Zinc finger protein 43 (HTF6)//4.4e-117:823:81//Hs.74107:X59244
 40 F-HEMBA1006364//EST//0.0012:168:66//Hs.156756:AI351026
 F-HEMBA1006377//Homo sapiens RalBP1-interacting protein (POB1) mRNA, complete cds//0.0028:422:59//Hs.
 80667:AF010233
 F-HEMBA1006380//Homo sapiens syntaxin 4 binding protein UNC-18c (UNC-18c) mRNA, complete cds//0.41:
 265:61//Hs.8813:AF032922
 45 F-HEMBA1006381//ESTs//3.8e-78:382:98//Hs.132171:AI042531
 F-HEMBA1006398//Human Line-1 repeat mRNA with 2 open reading frames//2.1e-49:395:80//Hs.23094:M19503
 F-HEMBA1006416//EST//7.3e-12:154:77//Hs.134086:AI077477
 F-HEMBA1006419//EST//4.6e-51:179:86//Hs.149580:AI281881
 F-HEMBA1006421//ISLET AMYLOID POLYPEPTIDE PRECURSOR//4.9e-46:517:72//Hs.51048:X68830
 50 F-HEMBA1006424//ESTs//2.7e-08:380:60//Hs.44369:AI206835
 F-HEMBA1006426//ESTs//3.0e-98:465:99//Hs.129251:AA993264
 F-HEMBA1006438//EST//1.3e-29:183:93//Hs.147412:AI209194
 F-HEMBA1006445
 F-HEMBA1006446//EST//0.14:200:59//Hs.160695:AI282889
 55 F-HEMBA1006461//Thiopurine S-methyltransferase//1.4e-29:210:72//Hs.51124:AF019369
 F-HEMBA1006467
 F-HEMBA1006471//ESTs//1.4e-05:391:60//Hs.121282:AI091453
 F-HEMBA1006474//ESTs, Highly similar to 40 KD PROTEIN [Borna disease virus]//1.1e-13:346:63//Hs.31257:

AA875998
 F-HEMBA1006483//Thromboxane A2 receptor//2.2e-51:386:82//Hs.89887:D38081
 F-HEMBA1006485//EST//5.4e-111:516:99//Hs.61925:AA039532
 F-HEMBA1006486//EST//4.7e-23:286:72//Hs.137800:AA886897
 5 F-HEMBA1006489//ESTs//2.5e-06:137:71//Hs.28621:AA910431
 F-HEMBA1006492
 F-HEMBA1006494//ESTs//8.5e-24:299:72//Hs.153413:AI248625
 F-HEMBA1006497//EST//0.00034:431:61//Hs.130057:AA903389
 F-HEMBA1006502//ESTs//2.6e-11:131:80//Hs.141267:H22072
 10 F-HEMBA1006507//Homo sapiens mRNA for KIAA0666 protein, partial cds//7.3e-141:470:98//Hs.153858:
 AB014566
 F-HEMBA1006521//ESTs, Weakly similar to 3-oxoacyl-[acyl-carrier protein] reductase [E.coli]//3.9e-98:483:97//
 Hs.94811:AA011185
 F-HEMBA1006530//EST//1.7e-42:530:71//Hs.163207:AA808002
 15 F-HEMBA1006535//ESTs//2.9e-84:404:98//Hs.128679:AI160081
 F-HEMBA1006540//Homo sapiens multi PDZ domain protein MUPP1 (MUPP1) mRNA, complete cds//4.4e-173:
 654:98//Hs21301:AF093419
 F-HEMBA1006546//ESTs//2.8e-45:391:78//Hs.146307:AA584638
 F-HEMBA1006559//Homo sapiens KIAA0438 mRNA, complete cds//2.1e-47:363:79//Hs.21490:AB007898
 20 F-HEMBA1006562//ESTs//4.5e-09:116:75//Hs.142368:AI198425
 F-HEMBA1006566//EST//0.85:100:68//Hs.13052:T67136
 F-HEMBA1006569//ESTs//2.7e-06:213:64//Hs.44372:AI346522
 F-HEMBA1006579//EST//0.064:160:62//Hs.126244:AA873479
 F-HEMBA1006583//Homo sapiens Jagged 2 mRNA, complete cds//1.7e-07:533:60//Hs.106387:AF029778
 25 F-HEMBA1006595//Small inducible cytokine A5 (RANTES)//6.8e-69:328:81//Hs.155464:AF088219
 F-HEMBA1006597//Homo sapiens mRNA for KIAA0752 protein, partial cds//2.6e-38:441:69//Hs.23711:AB018295
 F-HEMBA1006612//ESTs//8.8e-135:668:97//Hs.7942:AA205862
 F-HEMBA1006617//EST//4.6e-31:254:81//Hs.132635:AI032875
 30 F-HEMBA1006624//ESTs, Weakly similar to HYPOTHETICAL 41.9 KD PROTEIN IN SDS3-THS1 INTERGENIC
 REGION [S.cerevisiae]//2.5e-75:379:97//Hs.40911:AI391502
 F-HEMBA1006631//ESTs//1.4e-126:612:98//Hs.131737:AI343331
 F-HEMBA1006635//EST//0.65:145:63//Hs.104560:AA340589
 F-HEMBA1006639//ESTs, Highly similar to POLYADENYLATE-BINDING PROTEIN [Homo sapiens]//9.1e-27:170:
 92//Hs.109818:AA411185
 35 F-HEMBA1006643//ESTs, Moderately similar to putative p150 [H.sapiens]//9.7e-05:259:65//Hs.105747:
 AA505003
 F-HEMBA1006648//Homo sapiens integrin-linked kinase (ILK) mRNA, complete cds//3.9e-28:108:93//Hs.6196:
 U40282
 F-HEMBA1006652//ESTs, Highly similar to 60S RIBOSOMAL PROTEIN L7 [Drosophila melanogaster]//3.0e-87:
 40 452:96//Hs.159574:AA190615
 F-HEMBA1006653
 F-HEMBA1006659//Homo sapiens PAC clone DJ0905J08 from 7p12-p14//2.9e-92:438:98//Hs.8173:AC005189
 F-HEMBA1006665//Homo sapiens clone 23892 mRNA sequence//2.8e-18:180:80//Hs.91916:AF035317
 F-HEMBA1006674//Homo sapiens mRNA for nucleolar protein hNop56//1.6e-16:122:90//Hs.5092:Y12065
 45 F-HEMBA1006676
 F-HEMBA1006682//EST//0.12:193:61//Hs.128367:AA974575
 F-HEMBA1006695//ESTs//5.6e-27:110:80//Hs.159510:AA297145
 F-HEMBA1006696//EST//3.2e-12:160:75//Hs.146472:AI128198
 F-HEMBA1006708
 50 F-HEMBA1006709//ESTs//0.69:60:80//Hs.152752:AA643545
 F-HEMBA1006717//ESTs//12.6e-31:286:78//Hs.55573:W37226
 F-HEMBA1006737//ESTs//1.6e-37:189:99//Hs.97490:AA394105
 F-HEMBA1006744//Human mRNA for KIAA0118 gene, partial cds//1.9e-52:360:84//Hs.154326:D42087
 F-HEMBA1006754//Homo sapiens X-ray repair cross-complementing protein 2 (XRCC2) mRNA, complete cds//
 55 2.0e-92:817:78//Hs.129727:AF035587
 F-HEMBA1006758//Human mRNA for KIAA0327 protein, complete cds//4.0e-10:576:56//Hs.149323:AB002325
 F-HEMBA1006767//ESTs//1.7e-18:252:72//Hs141073:W72720
 F-HEMBA1006779//EST//9.1e-26:395:69//Hs.145366:AI252657

F-HEMBA1006780//EST//1.0:93:69//Hs.116946:AA680250
 F-HEMBA1006789//ESTs//0.0060:276:59//Hs.144121:AI369798
 F-HEMBA1006795//Human Line-1 repeat mRNA with 2 open reading frames//4.1e-37:781:64//Hs.23094:M19503
 F-HEMBA1006796//Human clone 23803 mRNA, partial cds//1.4e-07:202:68//Hs.34054:U79298
 5 F-HEMBA1006807//ESTs, Moderately similar to HYPOTHETICAL 46.4 KD PROTEIN T16H12.5 IN CHROMO-
 SOME III [C.elegans]//4.8e-110:523:98//Hs.125790:AA287723
 F-HEMBA1006821//EST//5.1e-11:246:66//Hs.150542:AI051551
 F-HEMBA1006824//ESTs//1.4e-29:158:98//Hs.127712:AA961624
 F-HEMBA1006832//EST//3.1e-24:277:74//Hs.139357:AA420970
 10 F-HEMBA1006849//ESTs//0.99:332:57//Hs.128993:AA985327
 F-HEMBA1006865
 F-HEMBA1006877//ESTs, Highly similar to HYPOTHETICAL 113.8 KD PROTEIN IN ERG7-NMD2 INTERGENIC
 REGION [Saccharomyces cerevisiae]//2.4e-61:311:97//Hs.127793:W25938
 F-HEMBA1006885//ESTs, Highly similar to HYPOTHETICAL 29.1 KD PROTEIN IN URA7-POL12 INTERGENIC
 15 REGION [Saccharomyces cerevisiae]//9.1e-128:805:87//Hs.32376:AA758214
 F-HEMBA1006900//EST//6.8e-05:255:63//Hs.163173:AA781592
 F-HEMBA1006914//EST//0.065:366:6211Hs.162914:AA666199
 F-HEMBA1006921//ESTs//2.9e-42:347:82//Hs.159266:AI376989
 F-HEMBA1006926//Human I kappa BR mRNA, complete cds//0.90:545:59//Hs.154764:U16258
 20 F-HEMBA1006929//EST//0.00013:403:61//Hs.162642:AA602539
 F-HEMBA1006936//ESTs//0.00014:60:93//Hs.8737:W22712
 F-HEMBA1006938//ESTs//4.7e-51:256:98//Hs.143651:AI150382
 F-HEMBA1006941//Homo sapiens mRNA for putative thioredoxin-like protein//4.4e-92:437:98//Hs.42644:
 AJ010841
 25 F-HEMBA1006949//H.sapiens mRNA for retrotransposon//6.9e-43:385:76//Hs.6940:Z48633
 F-HEMBA1006973//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds//1.8e-144:740:94//Hs.
 14934:AF004828
 F-HEMBA1006976//H.sapiens mRNA for Gal-beta(1-3/1-4)GlcNAc alpha-2,3-sialyltransferase//1.9e-79:447:89//
 Hs.75268:X74570
 30 F-HEMBA1006993//ESTs//5.4e-19:380:66//Hs.152635:AA600968
 F-HEMBA1006996//ESTs//0.17:242:59//Hs.106879:AA054723
 F-HEMBA1007002
 F-HEMBA1007017//EST//1.0:59:72//Hs.113400:R39282
 F-HEMBA1007018//Homo sapiens dynein light intermediate chain 2 (LIC2) mRNA, complete cds//2.5e-78:827:
 35 70//Hs.43003:AF035812
 F-HEMBA1007045
 F-HEMBA1007051//EST//0.85:65:73//Hs.158641:AI370659
 F-HEMBA1007052
 F-HEMBA1007062
 40 F-HEMBA1007066//ESTs//0.94:160:63//Hs.56071:W52212
 F-HEMBA1007073//ESTs//3.6e-50:246:80//Hs.142678:H37845
 F-HEMBA1007078//Human arginine-rich nuclear protein mRNA, complete cds//6.7e-75:417:91//Hs.80510:
 M74002
 F-HEMBA1007080
 45 F-HEMBA1007085//Guanylate cyclase 2D, membrane (retina-specific)//1.3e-06:568:61//Hs.1974:M92432
 F-HEMBA1007087//Human mevalonate pyrophosphate decarboxylase (MPD) mRNA, complete cds//0.95:541:
 57//Hs.3828:U49260
 F-HEMBA1007112//ESTs//3.4e-104:494:98//Hs.19207:AA039595
 F-HEMBA1007113//ESTs//0.71:246:62//Hs.96235:AA196354
 50 F-HEMBA1007121//ESTs//3.5e-69:335:98//Hs.140519:AA643182
 F-HEMBA1007129
 F-HEMBA1007147//ESTs//3.2e-07:235:64//Hs.124813:W46172
 F-HEMBA1007149//ESTs//7.2e-08:161:68//Hs.121179:AA757136
 F-HEMBA1007151
 55 F-HEMBA1007174//Homo sapiens epsin 2b mRNA, complete cds//6.6e-64:318:97//Hs.22396:AF062085
 F-HEMBA1007178//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//4.2e-
 39:248:90//Hs.157148:AA311921
 F-HEMBA1007194//ESTs//2.3e-107:503:99//Hs.100605:AA305965

EP 1 074 617 A2

F-HEMBA1007203//Homo sapiens mRNA for KIAA0214 protein, complete cds//5.6e-158:478:98//Hs.3363:
 D86987
 F-HEMBA1007206//EST//0.23:119:66//Hs.144402:AA609252
 F-HEMBA1007224//Homo sapiens mRNA for KIAA0797 protein, partial cds//1.6e-177:839:98//Hs.27197:
 5 AB018340
 F-HEMBA1007243//Hypoxanthine phosphoribosyltransferase 1 (Lesch-Nyhan syndrome)//2.7e-56:647:69//Hs.
 82314:M31642
 F-HEMBA1007251//Human plectin (PLEC1) mRNA, complete cds//0.19:210:67//Hs.79706:U53204
 F-HEMBA1007256//Homo sapiens clone 24407 mRNA sequence//1.0:144:6411Hs.12432:AF070575
 10 F-HEMBA1007267//Human homolog of yeast mutL (hPMS1) gene, complete cds//0.99:239:60//Hs.111749:
 U13695
 F-HEMBA1007273//ESTs//5.6e-24:271:73//Hs.144951:N34836
 F-HEMBA1007279//ESTs//6. 1e-36:185:78//Hs.141022:H06475
 F-HEMBA1007281//ESTs//0.74:94:65//Hs.162533:AA584529
 15 F-HEMBA1007288//EST//0.83:99:67//Hs.127878:AA968637
 F-HEMBA1007300//EST//3.6e-62:355:91//Hs.150139:AI300062
 F-HEMBA1007301//Collagen, type I, alpha 1//1.5e-09:406:61//Hs.111913:Z74615
 F-HEMBA1007319//EST//0.0068:50:96//Hs.163362:AA890506
 F-HEMBA1007320//ESTs//1.0:133:66//Hs.38032:N63634
 20 F-HEMBA1007322//ESTs//0.0077:187:66//Hs.4852:R84241
 F-HEMBA1007327//ESTs, Weakly similar to HOST CELL FACTOR C1 [H.sapiens]//3.5e-09:144:76//Hs.20597:
 W58370
 F-HEMBA1007341//ESTs//7.5e-61:302:98//Hs.154944:AA494130
 F-HEMBA1007342//ESTs//2.9e-12:289:64//Hs.135555:AA911006
 25 F-HEMBA1007347//EST//0.44:89:70//Hs.65949:Z40561
 F-HEMBA1000005//ESTs//1.6e-07:337:60//Hs.126718:AA916568
 F-HEMBA1000008//H.sapiens mRNA for translin associated protein X//1.1e-43:370:78//Hs.96247:X95073
 F-HEMBA1000018//Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 (p105)//1.0:108:70//Hs.
 83428:M58603
 30 F-HEMBA1000024//EST//5.4e-07:137:70//Hs.125389:AA878307
 F-HEMBA1000025//EST//0.99:362:58//Hs.121221:AA757392
 F-HEMBA1000030//H.sapiens mRNA for cylicin II//1.3e-10:525:62//Hs.3232:Z46788
 F-HEMBA1000036
 F-HEMBA1000037//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds//6.2e-102:450:
 35 98//Hs.20815:AF084928
 F-HEMBA1000039//EST//0.0034:97:73//Hs.141684:W35358
 F-HEMBA1000044//ESTs//0.0048:218:63//Hs.123161:AA807319
 F-HEMBA1000048//EST//0.0025:222:62//Hs.122474:AA765131
 F-HEMBA1000050//ESTs//5.6e-28:293:75//Hs.136839:H93717
 40 F-HEMBA1000054//Human Line-1 repeat mRNA with 2 open reading frames//3.3e-54:259:88//Hs.23094:M19503
 F-HEMBA1000055//ESTs//0.0017:289:62//Hs.125755:AA286923
 F-HEMBA1000059//Homo sapiens mRNA for KIAA0761 protein, partial cds//5.9e-59:286:84//Hs.93121:AB018304
 F-HEMBA1000083
 F-HEMBA1000089//EST//0.0016:192:661//Hs.137093:AA917621
 45 F-HEMBA1000099//ESTs//5.7e-20:213:76//Hs.57883:AA218645
 F-HEMBA1000103//Human kpni repeat mra (cdna clone pcd-kpni-8), 3' end//4.9e-43:418:74//Hs.103948:K00627
 F-HEMBA1000113//EST//4.6e-23:221:76//Hs.142065:AA173763
 F-HEMBA1000119//Homo sapiens ASMTL gene//2.5e-132:621:98//Hs.6315:Y15521
 F-HEMBA1000136//ESTs//112.3e-101:507:96//Hs.12659:AA195207
 50 F-HEMBA1000141//ESTs//2.1e-15:283:69//Hs.126257:AI279044
 F-HEMBA1000144//EST//4.5e-52:298:91//Hs.149580:AI281881
 F-HEMBA1000173//Zinc finger protein 74 (Cos52)//2.4e-63:285:82//Hs.3057:X92715
 F-HEMBA1000175//EST//1.0:101:65//Hs.162898:AA659646
 F-HEMBA1000198//EST//0.99:179:56//Hs.116880:AA662457
 55 F-HEMBA1000215//Homo sapiens mRNA for KIAA0557 protein, partial cds//1.4e-15:139:82//Hs.101414:
 AB011129
 F-HEMBA1000217//ESTs//3.4e-06:81:88//Hs.121151:T66277
 F-HEMBA1000218//EST//0.11:136:63//Hs.134683:AI092013

EP 1 074 617 A2

F-HEMBB1000226//Fragile X mental retardation 1//0.99:126:65//Hs.89764:X69962
 F-HEMBB1000240//H.sapiens mRNA for Nup88 protein//1.0:334:57//Hs.90734:Y08612
 F-HEMBB1000244//ESTs//3.2e-15:139:81//HS.134549:AI078483
 5 F-HEMBB1000250//Homo sapiens protein associated with Myc mRNA, complete cds//2.1e-156:735:981//Hs.151411:AF075587
 F-HEMBB1000258//EST//0.0091:325:60//Hs.97533:AA435884
 F-HEMBB1000264//Human CHL1 potential helicase (CHLR1), complete cds//1.4e-33:100:100//Hs.27424:U75968
 F-HEMBB1000266//Homo sapiens mRNA for myosin phosphatase target subunit 1 (MYPT1)//0.0019:373:60//Hs.16533:D87930
 10 F-HEMBB1000272//ESTs//1.3e-93:440:99//Hs.109224:N46684
 F-HEMBB1000274//ESTs//0.41:221:65//Hs.71990:AA151796
 F-HEMBB1000284//EST//0.00024:108:73//Hs.100725:F13689
 F-HEMBB1000307//EST//3.6e-10:149:73//Hs.140415:AA778574
 F-HEMBB1000312//Homo sapiens mRNA for KIAA0783 protein, complete cds//0.00092:252:65//Hs.41153:
 15 AB018326
 F-HEMBB1000317//Thrombospondin 1//7.1e-05:342:59//Hs.87409:X14787
 F-HEMBB1000318//EST//0.014:184:61//Hs.155758:AI311870
 F-HEMBB1000335//EST//0.99:187:63//Hs.137424:AA243729
 F-HEMBB1000336//EST//1.0:209:63//Hs.150410:AI003611
 20 F-HEMBB1000337//EST//0.086:133:66//Hs.128207:AA972330
 F-HEMBB1000338//EST//7.1e-07:129:72//Hs.140488:AA767127
 F-HEMBB1000339//Small inducible cytokine A5 (RANTES)//1.2e-36:336:7611Hs.155464:AF088219
 F-HEMBB1000341
 F-HEMBB1000343//EST//0.66:163:63//Hs.150822:AI302729
 25 F-HEMBB1000354//ESTs//7.e-61:292:100//Hs.152266:AA926874
 F-HEMBB1000369//ESTs, Highly similar to t-BOP [M.musculus]/10.013:157:64//Hs.129982:AI420970
 F-HEMBB1000374//ESTs//8.7e-53:454:79//Hs.133518:R69934
 F-HEMBB1000376//ESTs//5.9e-14:87:97//Hs.163973:AA744348
 F-HEMBB1000391//ESTs//0.033:237:64//Hs.135289:AI092963
 30 F-HEMBB1000399//Homo sapiens mRNA for cell cycle checkpoint protein//9.4e-165:762:98//Hs.16184:AJ001642
 F-HEMBB1000402//EST//0.013:291:59//Hs.149191:AI246155
 F-HEMBB1000404//ESTs//3.0e-69:353:96//Hs.135857:AA947194
 F-HEMBB1000420//EST//6.3e-52:258:98//Hs.136434:AA557925
 F-HEMBB1000434//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//9.4e-73:364:83//Hs.
 35 129735AF010144
 F-HEMBB1000438//ESTs//0.073:446:58//Hs.134632:AI223429
 F-HEMBB1000441//Interleukin 10//1.7e-38:336:77//Hs.2180:M57627
 F-HEMBB1000449//EST//5.5e-21:356:671//Hs.157848:AI362501
 F-HEMBB1000455//ESTs//0.092:147:65//Hs.106446:N93227
 40 F-HEMBB1000472
 F-HEMBB1000480//EST//0.98:83:71//Hs.146462:AI124898
 F-HEMBB1000487//ESTs//1.4e-59:341:92//Hs.48561:N79206
 F-HEMBB1000490//ESTs//2.5e-27:200:79//Hs.56825:AI057560
 F-HEMBB1000491
 45 F-HEMBB1000493//ESTs//0.019:103:69//Hs.138358:T66178
 F-HEMBB1000510//Glucocorticoid receptor alpha {alternative products}/1.6e-46:409:77//Hs.102761:U25029
 F-HEMBB1000518//ESTs//3.7e-06:187:64//Hs.140989:R68413
 F-HEMBB1000523//ESTs//0.69:332:59//Hg.106845:W19543
 F-HEMBB1000530//H.sapiens mRNA for extracellular matrix protein collagen type XIV, C-terminus//2.1e-38:138:
 50 96//Hs.36131:Y11710
 F-HEMBB1000550//ESTs, Weakly similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]/7.7e-31:
 554:67//Hs.157142:U85996
 F-HEMBB1000554//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//4.0e-27:282:75//Hs.
 158095:AB007953
 55 F-HEMBB1000556//Homo sapiens mRNA for KIAA0750 protein, complete cds//2.0e-33:537:65//Hs.5444:
 AB018293
 F-HEMBB1000564
 F-HEMBB1000573//H.sapiens HCG II mRNA//7.5e-27:197:76//Hs.146333:X81001

F-HEMBB1000575//Von Hippel-Lindau syndrome//2.7e-72:255:79//Hs.78160:AF010238
 F-HEMBB1000586//Dystrophin (muscular dystrophy, Duchenne and Becker types), includes DXS142, DXS164, DXS206, DXS230, DXS239, DXS268, DXS269, DXS270, DXS272//0.011:338:59//Hs.79012:M18533
 F-HEMBB1000589//PLATELET GLYCOPROTEIN V PRECURSOR//2.4e-22:228:79//Hs.73734:Z23091
 5 F-HEMBB1000591//ESTs//1.0e-17:370:64//Hs.58156:W71990
 F-HEMBB1000592//EST//0.0038:51:88//Hs.148022:AI269323
 F-HEMBB1000593//Homo sapiens chromosome 7q22 sequence//4.7e-109:503:99//Hs.3386:AF053356
 F-HEMBB1000598//Ribosomal protein L5//3.5e-29:537:66//Hs.118781:U66589
 F-HEMBB1000623//H.sapiens mRNA for GAIP protein//0.89:376:59//Hs.22698:X91809
 10 F-HEMBB1000630//Homo sapiens KIAA0404 mRNA, partial cds//0.074:168:61//Hs.105850:AB007864
 F-HEMBB1000631//ESTs//1.7e-06:247:64//Hs.156864:AI346481
 F-HEMBB1000632//Human mRNA for KIAA0351 gene, complete cds//5.1e-50:811:65//Hs.29963:AB002349
 F-HEMBB1000637//Sialophorin (gpL115, leukosialin, CD43)//2.4e-79:304:85//Hs.80738:X52075
 F-HEMBB1000638//EST//0.0076:92:75//Hs.125496:AA883735
 15 F-HEMBB1000643//ISLET AMYLOID POLYPEPTIDE PRECURSOR//3.5e-45:477:74//Hs.51048:X68830
 F-HEMBB1000649//Homo sapiens histone H2A.1b mRNA, complete cds//7.4e-52:533:75//Hs.51011:L19778
 F-HEMBB1000652//ESTs//1.6e-49:345:84//Hs.132722:AA618531
 F-HEMBB1000665//EST//0.44:152:63//Hs.149534:AI280924
 F-HEMBB1000671//Human Line-1 repeat mRNA with 2 open reading frames//2.2e-79:280:85//Hs.23094:M19503
 20 F-HEMBB1000673//ESTs//0.99:177:59//Hs.149864:N80474
 F-HEMBB1000684//Protein kinase, interferon-inducible double stranded RNA dependent//2.6e-31:220:87//Hs.73821:M35663
 F-HEMBB1000693//Homo sapiens neuroanl mRNA, complete cds//5.3e-120:575:97//Hs.158300:AF040723
 F-HEMBB1000705//ESTs//4.7e-65:350:94//Hs.24610:R33125
 25 F-HEMBB1000706//EST//8.6e-14:373:61//Hs.138281:RS5703
 F-HEMBB1000709//EST//0.99:110:651//Hs.162437:AA577510
 F-HEMBB1000725//RAS-RELATED PROTEIN RAB-8//1.7e-77:635:77//Hs.123109:X56741
 F-HEMBB1000726//EST//1.3e-43:257:84//Hs.162197:AA535216
 F-HEMBB1000738//EST//5.9e-13:259:64//Hs.159699:AI417328
 30 F-HEMBB1000749//EST//3.1e-42:271:871//Hs.162197:AA535216
 F-HEMBB1000763
 F-HEMBB1000770//ESTs, Weakly similar to MOESIN/EZRIN/RADIXIN HOMOLOG [D.melanogaster]//0.021:111:72//Hs.38178:AA921830
 F-HEMBB1000774//ESTs, Weakly similar to mTERF [H.sapiens]//2.5 e-116:580:97//Hs.5009:AA081390
 35 F-HEMBB1000781//Human MEK kinase 3 mRNA, complete cds//5.3e-47:426:74//Hs.86201:U78876
 F-HEMBB1000789//Homo sapiens mRNA for KIAA0677 protein, complete cds//3.0e-65:672:71//Hs.155983:AB014577
 F-HEMBB1000790//ESTs//1.2e-52:344:86//Hs.35254:AI133727
 F-HEMBB1000794//ESTs//0.00098:289:59//Hs.138782:N73572
 40 F-HEMBB1000807//ESTs//2.1e-91:434:99//Hs.61334:AI298375
 F-HEMBB1000810//ESTs//0.038:92:71//Hs.148763:AA66887
 F-HEMBB1000821//EST//0.94:129:62//Hs.162299:AA555154
 F-HEMBB1000822//ESTs//7.5e-05:199:63//Hs.117018:AA832421
 F-HEMBB1000826//ESTs//4.8e-13:343:65//Hs.153429:AI283069
 45 F-HEMBB1000827
 F-HEMBB1000831
 F-HEMBB1000835//EST//4.3e-27:201:851//Hs.141451:N29915
 F-HEMBB1000840//EST//6.3e-75:380:96//Hs.142557:AA464948
 F-HEMBB1000848//Human Line-1 repeat mRNA with 2 open reading frames//1.4e-135:875:85//Hs.23094:M19503
 50 F-HEMBB1000852//Phosphoribosyl pyrophosphate amidotransferase//0.12:292:61//Hs.311:U00238
 F-HEMBB1000870//EST//0.00091:246:62//Hs.126502:AA913831
 F-HEMBB1000876//Homo sapiens ELISC-1 mRNA, partial cds//4.9e-34:200:94//Hs.128434:AF085351
 F-HEMBB1000883//ESTs//0.42:107:67//Hs.154173:AI379823
 55 F-HEMBB1000887
 F-HEMBB1000888//ESTs//1.0:137:67//Hs.8121:AA521290
 F-HEMBB1000890//ESTs//1.0:116:65//Hs.7105:T23433
 F-HEMBB1000893//EST//0.0079:408:58//Hs.146504:AI129834

F-HEMBB1000908//EST//9.2e-21:205:79//Hs.132635:AI032875
 F-HEMBB1000910//Human mRNA for KIAA0231 gene, partial cds//0.16:327:60//Hs.7938:D86984
 F-HEMBB1000913//ESTs//1.0e-12:233:68//Hs.137545:AA487049
 F-HEMBB1000915//ESTs//2.5e-90:423:99//Hs.135254:AI095468
 5 F-HEMBB1000917//EST//2.8e-49:241:100//Hs.162216:AA548089
 F-HEMBB1000927//Hippocalcin//1.2e-31:528:65//Hs.89692:D16593
 F-HEMBB1000947
 F-HEMBB1000959//Cytochrome P450, 51 (lanosterol 14-alpha-demethylase)//9.3e-48:572:72//Hs.2379:U23942
 F-HEMBB1000973//ESTs//4.5e-26:286:76//Hs.137393:AA142938
 10 F-HEMBB1000975//ESTs//0.78:180:66//Hs.104789:AA417124
 F-HEMBB1000981
 F-HEMBB1000985//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//6.7e-07:308:62//Hs.122967:AF059569
 F-HEMBB1000991//EST//0.12:125:66//Hs.22945:R43713
 15 F-HEMBB1000996//ESTs//6.9e-05:273:63//Hs.133116:AI054055
 F-HEMBB1001004//Homo sapiens mRNA for KIAA0665 protein, complete cds//0.62:193:62//Hs.119004:AB014565
 F-HEMBB1001008//EST//4.7e-09:203:65//Hs.105221:AA489025
 F-HEMBB1001011//Human Chromosome 16 BAC clone CIT987SK-A-635H12//2.4e-17:384:67//Hs.108604:AC002310
 20 F-HEMBB1001014//EST, Weakly similar to putative p150 [H.sapiens]//0.21:284:60//Hs.161547:W04991
 F-HEMBB1001020//ESTs//9.7e-37:186:76//Hs.138852:AA284247
 F-HEMBB1001024//ESTs, Highly similar to t-BOP [M.musculus]//0.11:242:61//Hs.129982:AI420970
 F-HEMBB1001037//EST//0.0057:192:66//Hs.149987:AI291177
 25 F-HEMBB1001047//ESTs//1.6e-22:360:70//Hs.120734:W58721
 F-HEMBB1001051//H.sapiens mRNA for FAN protein//3.8e-29:160:98//Hs.78687:X96586
 F-HEMBB1001056//Homo sapiens mRNA for KIAA0618 protein, complete cds//1.0e-42:149:96//Hs.15832:AB014518
 F-HEMBB1001058//Small inducible cytokine A5 (RANTES)//1.1e-45:349:82//Hs.155464:AF088219
 30 F-HEMBB1001060//ESTs//1.6e-62:464:81//Hs.138663:N24942
 F-HEMBB1001063
 F-HEMBB1001068//Homo sapiens liprin-beta2 mRNA, partial cds//9.9e-148:736:95//Hs.12953:AF034803
 F-HEMBB1001096//EST//0.017:154:66//Hs.130403:AA909272
 F-HEMBB1001102//ESTs//2.1e-18:120:95//Hs.163767:R06293
 35 F-HEMBB1001105//Human BRCA2 region, mRNA sequence
 CG016//0.30:84:75//Hs.112434:U50529
 F-HEMBB1001112//ESTs, Highly similar to PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT [Canis familiaris]//9.3e-38:341:77//Hs.14038:R06800
 F-HEMBB1001114//EST//6.4e-07:296:62//Hs.128420:AA975062
 40 F-HEMBB1001117//EST//1.6e-99:464:99//Hs.130493:AA928139
 F-HEMBB1001119
 F-HEMBB1001126
 F-HEMBB1001133//H.sapiens mRNA for translin associated protein X//1.2e-28:739:61//Hs.96247:X95073
 F-HEMBB1001137
 45 F-HEMBB1001142//Human mRNA for KIAA0331 gene, complete cds//2.1e-23:340:69//Hs.146395:AB002329
 F-HEMBB1001151//ESTs//2.6e-30:252:79//Hs.6880:W26854
 F-HEMBB1001153//ESTs//7.6e-16:97:96//Hs.113307:H16716
 F-HEMBB1001169//ESTs//1.4e-32:374:71//Hs.161682:AA206863
 F-HEMBB1001175//Human mRNA for ankyrin motif, complete cds//7.1e-36:509:66//Hs.73073:D78334
 50 F-HEMBB1001177//ESTs, Weakly similar to HYPOTHETICAL TRP-ASP REPEATS CONTAINING PROTEIN IN HXT14-PHA2 INTERGENIC REGION [S.cerevisiae]//1.5e-65:312:100//Hs.86878:AA599183
 F-HEMBB1001182//Electron-transfer-flavoprotein, beta polypeptide//0.94:199:64//Hs.74047:X71129
 F-HEMBB1001199
 F-HEMBB1001208//ESTs//0.12:120:69//Hs.130093:AA928802
 55 F-HEMBB1001209//EST//0.00028:215:65//Hs.118276:W15258
 F-HEMBB1001210//EST//2.9e-05:297:60//Hs.88840:AA281452
 F-HEMBB1001218//Homo sapiens mRNA for KIAA0585 protein, partial cds//8.5e-37:260:76//Hs.72660:AB011157
 F-HEMBB1001221//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0507//0.00046:650:58//Hs.

- 158241:AB007976
 F-HEMBB1001234//ESTs, Highly similar to 65 KD YES-ASSOCIATED PROTEIN [Mus musculus]//6.7e-103:477:100//Hs.127835:AI378790
 F-HEMBB1001242//Homo sapiens mRNA for LAK-1, complete cds//1.2e-31:458:67//Hs.129918:AB005754
 5 F-HEMBB1001249//EST//0.26:203:63//Hs.140791:AA935909
 F-HEMBB1001253//ESTs//4.0e-91:433:98//Hs.120636:AA325219
 F-HEMBB1001254//ESTs//2.0e-24:180:85//Hs.136391:H04977
 F-HEMBB1001267//Ataxia telangiectasia mutated (includes complementation groups A, C and D)//6.1e-24:146:78//Hs.51187:U82828
 10 F-HEMBB1001271//ESTs//2.5e-05:686:58//Hs.115423:AI359248
 F-HEMBB1001282//GA-binding protein transcription factor, beta subunit 2 (47kD)//0.39:531:57//Hs.78915:U13045
 F-HEMBB1001288//ESTs, Highly similar to HYPOTHETICAL 27.3 KD PROTEIN ZK353.7 IN CHROMOSOME III [Caenorhabditis elegans]//4.9e-10:91:89//Hs.16606:W81021
 15 F-HEMBB1001289//ESTs//6.4e-100:467:99//Hs.151720:AI287890
 F-HEMBB1001294//ESTs, Highly similar to RAS-LIKE PROTEIN TC10 [Homo sapiens]//1.3e-135:654:98//Hs.124217:AA020848
 F-HEMBB1001302
 F-HEMBB1001304//ESTs//0.98:109:68//Hs.138972:AA047725
 20 F-HEMBB1001314//ESTs//7.4e-39:285:77//Hs.144749:AI217339
 F-HEMBB1001315//Small inducible cytokine A5 (RANTES)//1.9e-40:355:78//Hs.155464:AF088219
 F-HEMBB1001317//Human Line-1 repeat mRNA with 2 open reading frames//4.7e-98:625:85//Hs.23094:M19503
 F-HEMBB1001326//ESTs//0.00030:257:63//Hs.62208:H12380
 F-HEMBB1001331//ESTs, Weakly similar to DFS70 [H.sapiens]//1.0e-48:332:87//Hs.43071:AA206222
 25 F-HEMBB1001335
 F-HEMBB1001337//Homo sapiens mRNA for KIAA0563 protein, complete cds//8.5e-56:282:87//Hs.15731:AB011135
 F-HEMBB1001339//Homo sapiens antigen NY-CO-16 mRNA, complete cds//0.039:161:65//Hs.132206:AF039694
 F-HEMBB1001346//Oxytocin receptor//4.2e-42:456:73//Hs.2820:X64878
 30 F-HEMBB1001348//Homo sapiens mRNA for KIAA0570 protein, complete cds//1.2e-45:176:77//Hs.114293:AB011142
 F-HEMBB1001356//EST//0.32:292:59//Hs.135771:AI005648
 F-HEMBB1001364
 F-HEMBB1001366//EST//7.8e-24:367:69//Hs.138765:N70347
 35 F-HEMBB1001367//Small inducible cytokine A5 (RANTES)//8.7e-50:326:86//Hs.155464:AF088219
 F-HEMBB1001369//EST//0.17:211:63//Hs.120066:AA707973
 F-HEMBB1001380//Homo sapiens mRNA for KIAA0527 protein, partial cds//8.2e-36:225:79//Hs.129748:AB011099
 F-HEMBB1001384
 40 F-HEMBB1001387//ESTs//0.61:215:60//Hs.145915:AI342230
 F-HEMBB1001394//Human Line-1 repeat mRNA with 2 open reading frames//3.8e-94:568:83//Hs.23094:M19503
 F-HEMBB1001410//Homo sapiens keratan sulfate proteoglycan mRNA, complete cds//0.021:373:58//Hs.125750:AF065988
 F-HEMBB1001424//EST//0.20:307:58//Hs.135336:AI049827
 45 F-HEMBB1001426//Homo sapiens clone 23579 mRNA sequence//8.3e-17:205:72//Hs.83466:AF038174
 F-HEMBB1001429//ESTs, Highly similar to CYTOSOL AMINOPEPTIDASE [Bos taurus]//5.5e-153:729:96//Hs.21679:AF034175
 F-HEMBB1001436//Human mRNA for KIAA0347 gene, complete cds//1.2e-44:316:85//Hs.101996:AB002345
 F-HEMBB1001443
 50 F-HEMBB1001449//Homo sapiens sodium bicarbonate cotransporter (HNBC1) mRNA, complete cds//0.033:478:58//Hs.5462:AF007216
 F-HEMBB1001454//ESTs//1.4e-46:279:93//Hs.104866:AA426038
 F-HEMBB1001458//EST//1.7e-09:106:83//Hs.141422:N20920
 F-HEMBB1001463//Homo sapiens mRNA for semaphorin E, complete cds//0.18:387:59//Hs.62705:AB000220
 55 F-HEMBB1001464//Homo sapiens Coch-5B2 mRNA, complete cds//0.26:189:67//Hs.21016:AF006740
 F-HEMBB1001482//Homo sapiens mRNA for KIAA0760 protein, partial cds//1.2e-27:292:74//Hs.137168:AB018303
 F-HEMBB1001500//ESTs//8.1e-28:312:74//Hs.18498:N52088

EP 1 074 617 A2

F-HEMBB1001521//Homo sapiens mRNA for alpha(1,2)fucosyltransferase, complete cds//8.8e-54:359:74//Hs.
 46328:D87942
 F-HEMBB1001527//Protein tyrosine phosphatase, receptor type, f polypeptide//1.0:198:63//Hs.75216:Y00815
 F-HEMBB1001531//ESTs//4.3e-33:403:75//Hs.44862:N38735
 5 F-HEMBB1001535//ESTs//0.0029:47:93//Hs.124864:AA663093
 F-HEMBB1001536//ESTs//0.0047:120:68//Hs.144858:R67748
 F-HEMBB1001537//ESTs, Weakly similar to eukaryotic initiation factor eIF-2 alpha kinase [D.melanogaster]//3.7e-
 20:297:73//Hs.42457:AA523306
 F-HEMBB1001555//Human ring zinc-finger protein (ZNF127-Xp) gene and 5' flanking sequence//1.1e-35:188:77//
 10 Hs.102877:U41315
 F-HEMBB1001562//ESTs//0.95:161:61//Hs.145075:AI208240
 F-HEMBB1001564//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//3.4e-49:526:73//Hs.
 158095:AB007953
 F-HEMBB1001565//Homo sapiens PYRIN (MEFV) mRNA, complete cds//1.9e-44:324:84//Hs.113283:AF018080
 15 F-HEMBB1001585
 F-HEMBB1001586//EST//0.84:132:64//Hs.145264:AI218708
 F-HEMBB1001588//Human clone 23695 mRNA sequence//6.6e-20:327:67//Hs.90798:U79289
 F-HEMBB1001603//ESTs//1.3e-12:84:96//Hs.13380:R60414
 F-HEMBB1001618//ESTs//4.4e-11:349:63//Hs.132046:AA693680
 20 F-HEMBB1001619//ESTs//2.1e-06:246:63//Hs.63428:AA058314
 F-HEMBB1001630//EST//1.4e-07:334:62//Hs.145698:AI266713
 F-HEMBB1001635//ESTs//0.92:282:60//Hs.126980:AA934077
 F-HEMBB1001637//ELK1, member of ETS oncogene family//1.1e-27:395:64//Hs.116549:AL009172
 F-HEMBB1001641//EST//0.11:53:81//Hs.112445:AA594279
 25 F-HEMBB1001653//EST//0.91:124:64//Hs.144213:T40480
 F-HEMBB1001665//Human mRNA for apolipoprotein E receptor 2, complete cds//7.0e-13:473:63//Hs.54481:
 D86407
 F-HEMBB1001668//ESTs//0.94:83:69//Hs.146202:AI252519
 F-HEMBB1001673//Homo sapiens mRNA for KIAA0646 protein, complete cds//2.3e-172:803:98//Hs.24439:
 30 AB014546
 F-HEMBB1001684//ESTs, Highly similar to Tbc1 [M.musculus]//5.4e-20:110:100//Hs.106104:AA599496
 F-HEMBB1001685//EST//2.2e-05:112:73//Hs.130984:AI015430
 F-HEMBB1001695//Human novel homeobox mRNA for a DNA binding protein//1.6e-08:425:62//Hs.37035:U07664
 F-HEMBB1001704//EST//5.8e-20:295:69//Hs.140231:AI054398
 35 F-HEMBB1001706
 F-HEMBB1001707//EST//0.091:241:60//Hs.136830:AA769219
 F-HEMBB1001717//ESTs//2.9e-06:325:60//Hs.150063:AI298064
 F-HEMBB1001735//Small inducible cytokine A5 (RANTES)//3.2e-46:326:83//Hs.155464:AF088219
 F-HEMBB1001736//ESTs, Weakly similar to E04D5.1 [C.elegans]//5.4e-99:485:97//Hs.120581:W25578
 40 F-HEMBB1001747//ESTs//8.3e-87:421:98//Hs.137051:AA884244
 F-HEMBB1001749//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//3.5e-75:315:83//Hs.
 129735:AF010144
 F-HEMBB1001753//ESTs//0.00013:35:100//Hs.139643:H06263
 F-HEMBB1001756//ESTs//2.3e-89:433:98//Hs.128868:AA931077
 45 F-HEMBB1001760//ESTs//6.5e-06:503:58//Hs.21766:AI357639
 F-HEMBB1001762//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0507//2.9e-13:498:60//Hs.
 158241:AB007976
 F-HEMBB1001785//EST//0.16:262:60//Hs.162526:AA584102
 F-HEMBB1001797//ESTs//0.37:201:63//Hs.91559:AA806370
 50 F-HEMBB1001802//ESTs//1.6e-06:447:58//Hs.134672:AI087951
 F-HEMBB1001812//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//1.3e-54:311:81//Hs.
 92381:AB007956
 F-HEMBB1001816//ESTs//2.2e-39:302:84//Hs.35985:AA783017
 F-HEMBB1001831//Homo sapiens PAM COOH-terminal interactor protein 1 (PCIP1) mRNA, complete cds//7.6e-
 55 164:763:98//Hs.159396:AF056209
 F-HEMBB1001834//TRICHOHYALIN//7.1e-05:548:60//Hs.82276:L09190
 F-HEMBB1001836//Human mRNA for KIAA0033 gene, partial cds//4.0e-34:272:86//Hs.22271:D26067
 F-HEMBB1001839//Pyruvate carboxylase//0.050:686:59//Hs.89890:S72370

EP 1 074 617 A2

F-HEMBB1001850//EST//0.0035:204:61//Hs.7311:T23858
 F-HEMBB1001863//Small inducible cytokine A5 (RANTES)//3.0e-48:357:82//Hs.155464:AF088219
 F-HEMBB1001867//ESTs//2.2e-40:265:88//Hs.146323:AI251752
 F-HEMBB1001868//ESTs//5.2e-06:131:73//Hs.123362:AA811371
 5 F-HEMBB1001869//ESTs//1.0e-86:429:96//Hs.141208:AA825503
 F-HEMBB1001872
 F-HEMBB1001874//H.sapiens mRNA for CHD5 protein//0.0033:388:60//Hs.19923:Y12478
 F-HEMBB1001875//H.sapiens mRNA for RNA helicase (Myc-regulated dead box protein)//0.32:346:60//Hs.100555:X98743
 10 F-HEMBB1001880//EST//4.0e-28:171:92//Hs.151194:AI125868
 F-HEMBB1001899//ESTs//0.17:242:62//Hs.136969:AA830918
 F-HEMBB1001905
 F-HEMBB1001906//ESTs//5.6e-49:290:92//Hs.127298:H09155
 F-HEMBB1001908//Human monocytic leukaemia zinc finger protein (MOZ) mRNA, complete cds//1.2e-83:672:81//Hs.82210:U47742
 15 F-HEMBB1001910//EST, Weakly similar to albumin [H.sapiens]//0.047:206:62//Hs.159777:Z19955
 F-HEMBB1001911
 F-HEMBB1001915//ESTs//0.92:136:71//Hs.144465:R68882
 F-HEMBB1001921//EST//2.0e-19:398:67//Hs.44789:N36113
 20 F-HEMBB1001922//ESTs//4.3e-05:370:59//Hs.123669:AA805245
 F-HEMBB1001925//ESTs//5.7e-27:329:71//Hs.141071:H16398
 F-HEMBB1001930//EST//0.043:157:63//Hs.161927:AA483904
 F-HEMBB1001944//Human mRNA for KIAA0118 gene, partial cds//5.7e-55:444:80//Hs.154326:D42087
 F-HEMBB1001945//ESTs//1.1e-19:142:88//Hs.7341:N57875
 25 F-HEMBB1001947//Human mRNA for KIAA0392 gene, partial cds//1.8e-21:333:66//Hs.40100:AB002390
 F-HEMBB1001950//Homo sapiens Notch3 (NOTCH3) mRNA, complete cds//0.020:384:60//Hs.8546:U97669
 F-HEMBB1001952//EST//7.0e-13:302:63//Hs.120089:AA708101
 F-HEMBB1001953//ATL-derived PMA-responsive (APR) peptide//0.97:252:60//Hs.96:D90070
 F-HEMBB1001957//ESTs//6.1e-32:446:67//Hs.51305:T47418
 30 F-HEMBB1001962//Cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 2//2.3e-31:390:70//Hs.1361:M55053
 F-HEMBB1001967//H.sapiens mRNA for urea transporter//9.7e-52:322:88//Hs.66710:X96969
 F-HEMBB1001973//Myelin oligodendrocyte glycoprotein {alternative products}//2.1e-48:426:78//Hs.53217:Z48051
 35 F-HEMBB1001983
 F-HEMBB1001988//ESTs//6.5e-05:237:63//Hs.49760:AA741051
 F-HEMBB1001990//ESTs//0.25:171:64//Hs.7961:AA401205
 F-HEMBB1001996//ESTs//1.8e-19:436:65//Hs.125539:AI339103
 F-HEMBB1001997//EST//5.3e-33:294:76//Hs.161041:H82636
 40 F-HEMBB1002002//ESTs//1.9e-06:224:67//Hs.110915:AA132964
 F-HEMBB1002005//ESTs//5.8e-17:170:78//Hs.141825:AA017093
 F-HEMBB1002009//ESTs//0.066:441:58//Hs.125313:AI201685
 F-HEMBB1002015//EST//2.3e-18:310:68//Hs.145899:AI274951
 F-HEMBB1002042//CYTOCHROME P450 IVB1//2.9e-11:446:62//Hs.687:X16699
 45 F-HEMBB1002043//ESTs, Weakly similar to T06E6.d [C.elegans]//1.0:217:60//Hs.3487:AA425553
 F-HEMBB1002044
 F-HEMBB1002045
 F-HEMBB1002049//Homo sapiens mRNA for KIAA0713 protein, partial cds//0.082:201:61//Hs.88756:AB018256
 F-HEMBB1002050//Breakpoint cluster region protein BCR//0.84:267:59//Hs.2557:Y00661
 50 F-HEMBB1002068//Homo sapiens mRNA for KIAA0612 protein, partial cds//8.1e-07:402:61//Hs.112499:AB014512
 F-HEMBB1002069
 F-HEMBB1002092//EST//5.1e-15:180:75//Hs.127928:AA969239
 F-HEMBB1002094//EST//2.0e-52:264:98//Hs.71763:AA146625
 55 F-HEMBB1002115//EST//0.0083:244:64//Hs.125353:AA877080
 F-HEMBB1002134//ESTs//1.7e-69:398:91//Hs.157492:AI361027
 F-HEMBB1002139//ESTs//0.64:145:71//Hs.157821:AI362013
 F-HEMBB1002142//ESTs//0.013:311:59//Hs.150037:AI292214

F-HEMBB1002152//ESTs//8.4e-12:121:82//Hs.119540:T95254
 F-HEMBB1002189//EST//0.26:81:70//Hs.147726:AI220208
 F-HEMBB1002190//Alcohol dehydrogenase 2 (class I), beta polypeptide//0.16:608:58//Hs.4:X03350
 F-HEMBB1002193//Human sky mRNA for Sky, complete cds//6.6e-35:179:100//Hs.301:U18934
 5 F-HEMBB1002217//Homo sapiens mRNA for zinc finger protein 10//3.7e-25:405:67//Hs.104115:X52332
 F-HEMBB1002218//EST//0.015:241:61//Hs.105298:AA489813
 F-HEMBB1002232//Small inducible cytokine A5 (RANTES)//9.0e-31:365:71//Hs.155464:AF088219
 F-HEMBB1002247
 F-HEMBB1002249//Homo sapiens haemopoietic progenitor homeobox HPX42B (HPX42B) mRNA, complete cds//
 10 6.8e-47:418:77//Hs.125231:AF068006
 F-HEMBB1002254//Homo sapiens mRNA for KIAA0594 protein, partial cds//5.0e-47:437:77//Hs.154872:
 AB011166
 F-HEMBB1002255//ESTs//0.017:255:61//Hs.126786:U74314
 F-HEMBB1002266//Homo sapiens retinoblastoma-associated protein HEC mRNA, complete cds//0.17:511:57//
 15 Hs.58169:AF017790
 F-HEMBB1002280//EST//4.0e-35:182:98//Hs.127701:AA864998
 F-HEMBB1002300
 F-HEMBB1002306//Human G protein-coupled receptor (STRL22) mRNA, complete cds//6.3e-14:228:72//Hs.
 46468:U45984
 20 F-HEMBB1002327//EST//4.3e-21:242:75//Hs.72377:AA161083
 F-HEMBB1002329//ESTs, Weakly similar to C17G10.1 [C.elegans]//1.7e-77:399:96//Hs.105837:AA536054
 F-HEMBB1002340//INSULIN-DEGRADING ENZYME//1.0:319:60//Hs.1508:M21188
 F-HEMBB1002342//Homo sapiens mRNA for putative thioredoxin-like protein//1.4e-155:724:98//Hs.42644:
 AJ010841
 25 F-HEMBB1002358//Deoxythymidylate kinase//1.1e-37:192:98//Hs.79006:L16991
 F-HEMBB1002359//Human Rev interacting protein Rip-1 mRNA, complete cds//1.7e-06:66:96//Hs.154762:
 U00943
 F-HEMBB1002364//EST//4.7e-16:201:73//Hs.149925:AI288838
 F-HEMBB1002371//EST//2.4e-07:319:61//Hs.136459:AA577796
 30 F-HEMBB1002381
 F-HEMBB1002383//vasoactive intestinal peptide receptor 2//0.98:190:63//Hs.2126:L36566
 F-HEMBB1002387//EST//2.1e-07:253:61//Hs.145993:AI277784
 F-HEMBB1002409//ESTs//1.4e-11:94:91//Hs.125958:AI206456
 F-HEMBB1002415//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//2.0e-32:371:73//Hs.
 35 159897:AB007970
 F-HEMBB1002425//Fc fragment of IgA, receptor for//2.7e-32:156:82//Hs.54486:X54150
 F-HEMBB1002442
 F-HEMBB1002453//Human mRNA for KIAA0118 gene, partial cds//5.6e-53:461:77//Hs.154326:D42087
 F-HEMBB1002457//ESTs//3.4e-25:184:70//Hs.140225:AA704101
 40 F-HEMBB1002458//ESTs//7.0e-10:343:62//Hs.163816:N76274
 F-HEMBB1002477//Human Grb2-associated binder-1 mRNA, complete cds//6.0e-89:493:92//Hs.159605:U43885
 F-HEMBB1002489//Homo sapiens 195 kDa cornified envelope precursor mRNA, complete cds//0.019:228:63//
 Hs.74304:AF001691
 F-HEMBB1002492//EST//0.24:149:62//Hs.146790:AI149051
 45 F-HEMBB1002495//Fc fragment of IgE, high affinity I, receptor for; beta polypeptide//1.3e-22:331:71//Hs.30:
 M89796
 F-HEMBB1002502//ESTs//1.3e-41:380:78//Hs.61199:AA024494
 F-HEMBB1002509//ESTs//0.017:220:63//Hs.155263:AI273725
 F-HEMBB1002510//ESTs//6.4e-102:476:99//Hs.152289:AI247354
 50 F-HEMBB1002520//Human Line-1 repeat mRNA with 2 open reading frames//2.4e-50:580:72//Hs.23094:M19503
 F-HEMBB1002522//EST//0.010:172:62//Hs.147224:AI205719
 F-HEMBB1002531
 F-HEMBB1002534//Small inducible cytokine A5 (RANTES)//3.7e-59:258:88//Hs.155464:AF088219
 F-HEMBB1002545//ESTs//3.9e-24:181:86//Hs.13753:AI088102
 55 F-HEMBB1002550//Syntaxin 5A//0.27:354:59//Hs.154546:U26648
 F-HEMBB1002556//ESTs//1.7e-33:286:79//Hs.146173:AA906191
 F-HEMBB1002579//EST//1.0:77:68//Hs.147935:AI250286
 F-HEMBB1002582//ESTs//0.00032:178:68//Hs.139163:AA226095

F-HEMBB1002590//ESTs//0.64:132:63//Hs.155688:AI003657
 F-HEMBB1002596//ESTs//3.4e-19:462:64//Hs.124399:AA832336
 F-HEMBB1002600//Homo sapiens tetraspan NET-5 mRNA, complete cds//3.0e-152:710:98//Hs.129826:AF089749
 5 F-HEMBB1002601//EST//9.6e-13:368:62//Hs.137080:AA894817
 F-HEMBB1002603//EST//0.10:144:63//Hs.158180:AI367945
 F-HEMBB1002607//ESTs//0.024:345:62//Hs.143304:AI084058
 F-HEMBB1002610//EST//2.1e-14:291:64//Hs.140573:AA826323
 F-HEMBB1002613//ESTs//1.9e-17:192:75//Hs.141161:AA210711
 10 F-HEMBB1002614//ESTs//0.0048:136:71//Hs.106280:R13901
 F-HEMBB1002617//EST//0.034:320:59//Hs.41223:H89127
 F-HEMBB1002623//ESTs//0.88:222:60//Hs.129920:AA167217
 F-HEMBB1002635//Human MAP kinase mRNA, complete cds//3.1e-23:127:100//Hs.151051:U07620
 F-HEMBB1002664//EST//0.00013:203:61//Hs.117141:AA678811
 15 F-HEMBB1002677//ESTs//2.4e-22:439:66//Hs.132046:AA693680
 F-HEMBB1002683//ESTs//0.23:224:61//Hs.128883:AI026679
 F-HEMBB1002684//ESTs//7.2e-09:82:87//Hs.140457:H05124
 F-HEMBB1002686//EST//0.25:189:62//Hs.132431:AA909674
 F-HEMBB1002692//ESTs//0.00020:162:66//Hs.118180:N68504
 20 F-HEMBB1002697//EST//7.2e-17:219:74//Hs.100459:T61992
 F-HEMBB1002699//Homo sapiens transmembrane activator and CAML interactor (TACI) mRNA, complete cds//0.059:297:62//Hs.158341:AF023614
 F-HEMBB1002702//ESTs//0.26:284:61//Hs.41250:H89588
 F-HEMBB1002705//ESTs, Weakly similar to HYPOTHETICAL 38.5 KD PROTEIN IN SUI2-TDH2 INTERGENIC REGION [Saccharomyces cerevisiae]//0.0048:84:83//Hs.20814:AI242922
 25 F-HEMBB1002712//ESTs//0.0025:317:58//Hs.7344:AA972729
 F-MAMMA1000009//Human c-yes-1mRNA//1.0e-48:447:77//Hs.75680:M15990
 F-MAMMA1000019
 F-MAMMA1000020//EST//2.6e-84:431:95//Hs.143333:H51750
 30 F-MAMMA1000025//EST//1.0:169:59//Hs.130165:AA906945
 F-MAMMA1000043//Human NSCL-1 mRNA sequence//0.94:262:60//Hs.30956:M96739
 F-MAMMA1000045//ESTs//1.7e-48:499:75//Hs.158469:AA897461
 F-MAMMA1000055//ESTs, Highly similar to TESTIN 2 PRECURSOR [Mus musculus]//2.7e-18:330:63//Hs.59906:AA001281
 35 F-MAMMA1000057//Homo sapiens DNA fragmentation factor 40 kDa subunit (DFF40) mRNA, complete cds//1.2e-50:367:75//Hs.133089:AF064019
 F-MAMMA1000069//ESTs//0.58:286:60//Hs.134417:AI336840
 F-MAMMA1000084//Human mRNA for KIAA0033 gene, partial cds//1.1e-48:641:70//Hs.22271:D26067
 F-MAMMA1000085//Homo sapiens mRNA for KIAA0602 protein, partial cds//0.00013:199:69//Hs.37656:AB011174
 40 F-MAMMA1000092//Homo sapiens telomeric repeat binding factor (TRF1) mRNA, complete cds//1.2e-52:346:77//Hs.90357:U40705
 F-MAMMA1000103//Homo sapiens mRNA for extracellular matrix protein, complete cds//1.0:151:64//Hs.35094:AB011792
 45 F-MAMMA1000117
 F-MAMMA1000129//RYANODINE RECEPTOR, SKELETAL MUSCLE//0.0015:492:60//Hs.89631:U48508
 F-MAMMA1000133//ESTs//1.0:125:67//Hs.118309:AA653402
 F-MAMMA1000134//EST//1.2e-08:75:92//Hs.160674:AI248319
 F-MAMMA1000139//EST//5.5e-10:139:76//Hs.159121:AI383843
 50 F-MAMMA1000143//Homo sapiens mRNA for KIAA0685 protein, complete cds//2.2e-26:148:97//Hs.153121:AB014585
 F-MAMMA1000155//Homo sapiens homeobox transcription factor barx2 (BARX2) mRNA, complete cds//3.3e-31:219:87//Hs.129724:AF031924
 F-MAMMA1000163//ESTs//1.2e-59:317:94//Hs.49559:AA401050
 55 F-MAMMA1000171//ESTs//1.7e-09:161:69//Hs.119070:AA629695
 F-MAMMA1000173//Human drebrin E2 mRNA (DBN1), complete cds//9.2e-40:686:65//Hs.89434:D17530
 F-MAMMA1000175//ESTs//0.65:141:68//Hs.133152:H91657
 F-MAMMA1000183//Human mRNA for KIAA0065 gene, partial cds//1.0e-92:904:72//Hs.70617:D31763

EP 1 074 617 A2

F-MAMMA1000198//ESTs//0.0092:235:62//Hs.98783:AI091739
 F-MAMMA1000221//EST//3.3e-16:95:98//Hs.128271:AA973035
 F-MAMMA1000227//ESTs//0.010:268:60//Hs.16412:AA506926
 F-MAMMA1000241//ESTs//0.13:140:67//Hs.12328:AI377913
 5 F-MAMMA1000251//EST//3.7e-07:118:73//Hs.153116:AA856873
 F-MAMMA1000254//ESTs//0.00023:245:59//Hs.150513:AI247587
 F-MAMMA1000257//EST//4.2e-10:155:74//Hs.150409:AI003543
 F-MAMMA1000264//ESTs//2.0e-18:217:75//Hs.152748:N53015
 F-MAMMA1000266//EST//0.14:270:60//Hs.132593:AI031874
 10 F-MAMMA1000270//Human mRNA for KIAA0118 gene, partial cds//2.5e-54:354:87//Hs.154326:D42087
 F-MAMMA1000277//Hydroxysteroid (11-beta) dehydrogenase 2//1.0e-07:306:65//Hs.1376:U26726
 F-MAMMA1000278//ESTs//4.0e-09:197:67//Hs.157034:AI347361
 F-MAMMA1000279//Complement component 5 receptor 1 (C5a ligand)//8.4e-34:341:68//Hs.2161:M62505
 F-MAMMA1000284
 15 F-MAMMA1000287//Human mRNA for KIAA0118 gene, partial cds//5.4e-50:245:84//Hs.154326:D42087
 F-MAMMA1000302//EST//5.3e-40:213:98//Hs.122363:AA788641
 F-MAMMA1000307//Polycystic kidney disease 1 (autosomal dominant)//0.55:510:57//Hs.75813:L33243
 F-MAMMA1000309//Apolipoprotein E//9.7e-06:691:58//Hs.76260:M12529
 F-MAMMA1000312//EST//0.042:183:63//Hs.158928:AI379519
 20 F-MAMMA1000313
 F-MAMMA1000331
 F-MAMMA1000339
 F-MAMMA1000340//ESTs, Highly similar to HYPOTHETICAL 29.4 KD PROTEIN IN STE6-LOS1 INTERGENIC
 REGION [Saccharomyces cerevisiae]//2.9e-11:87:93//Hs.13096:AA180963
 25 F-MAMMA1000348//Homo sapiens KIAA0432 mRNA, complete cds//3.6e-23:270:72//Hs.155174:AB007892
 F-MAMMA1000356//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//3.7e-24:233:72//Hs.
 158095:AB007953
 F-MAMMA1000360//Human Line-1 repeat mRNA with 2 open reading frames//9.0e-75:498:85//Hs.23094:M19503
 F-MAMMA1000361//Human mRNA for KIAA0118 gene, partial cds//9.1e-50:304:85//Hs.154326:D42087
 30 F-MAMMA1000372//EST//1.2e-53:376:86//Hs.144295:AA136569
 F-MAMMA1000385//ESTs//1.4e-22:220:76//Hs.142552:AA235344
 F-MAMMA1000388//Homo sapiens UKLF mRNA for ubiquitous Kruppel like factor, complete cds//1.2e-149:710:
 98//Hs.32170:AB015132
 F-MAMMA1000395//Acyl-Coenzyme A dehydrogenase, very long chain//0.74:330:60//Hs.82208:L46590
 35 F-MAMMA1000402//Human Line-1 repeat mRNA with 2 open reading frames//2.4e-58:834:68//Hs.23094:M19503
 F-MAMMA1000410//Human NADH:ubiquinone oxidoreductase subunit B13 (B13) mRNA, complete cds//1.2e-08:
 117:84//Hs.83916:U53468
 F-MAMMA1000413//ESTs//3.3e-31:209:88//Hs.146154:AI200725
 F-MAMMA1000414//ESTs//0.82:132:62//Hs.124857:AA687092
 40 F-MAMMA1000416//ESTs, Weakly similar to HYPOTHETICAL 32.0 KD PROTEIN C09F5.2 IN CHROMOSOME
 III [C.elegans]//9.8e-33:267:81//Hs.32370:AA521111
 F-MAMMA1000421//ESTs//7.3e-33:320:75//Hs.121659:H02532
 F-MAMMA1000422//Homo sapiens protocadherin (PCDH8) mRNA, complete cds//0.98:553:56//Hs.19492:
 AF061573
 45 F-MAMMA1000423//EST//0.0075:179:63//Hs.162974:AA678459
 F-MAMMA1000424//ESTs//1.3e-17:313:67//Hs.139858:AI377641
 F-MAMMA1000429//Homo sapiens sorting nexin 3 (SNX3) mRNA, complete cds//5.1e-48:491:72//Hs.12102:
 AF034546
 F-MAMMA1000431//ISLET AMYLOID POLYPEPTIDE PRECURSOR//5.1e-39:320:81//Hs.51048:X68830
 50 F-MAMMA1000444//Homo sapiens mRNA for KIAA0594 protein, partial cds//9.1e-39:342:78//Hs.154872:
 AB011166
 F-MAMMA1000446
 F-MAMMA1000458//ESTs, Weakly similar to similar to CCAAT/enhancer-binding protein [C.elegans]//5.1e-08:58:
 93//Hs.9043:W21827
 55 F-MAMMA1000468//Homo sapiens mRNA for 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase, complete
 cds//0.58:311:63//Hs.66721:D49818
 F-MAMMA1000472//ISLET AMYLOID POLYPEPTIDE PRECURSOR//2.1e-44:346:80//Hs.51048:X68830
 F-MAMMA1000478//Homo sapiens PYRIN (MEFV) mRNA, complete cds//0.0017:157:73//Hs.113283:AF018080

F-MAMMA1000483//ISLET AMYLOID POLYPEPTIDE PRECURSOR//4.5e-39:400:75//Hs.51048:X68830
 F-MAMMA1000490//ESTs//3.6e-52:331:88//Hs.163686:AA291948
 F-MAMMA1000500//EST//9.7e-73:346:99//Hs.98812:AA434482
 F-MAMMA1000501//Small inducible cytokine A5 (RANTES)//2.3e-50:325:86//Hs.155464:AF088219
 5 F-MAMMA1000516//Oxytocin receptor//1.6e-29:660:64//Hs.2820:X64878
 F-MAMMA1000522//ESTs//2.9e-23:328:70//Hs.125142:AA421352
 F-MAMMA1000524//ESTs//1.1e-08:211:65//Hs.33467:R85497
 F-MAMMA1000559//EST//4.7e-17:207:71//Hs.162733:AA614352
 F-MAMMA1000565
 10 F-MAMMA1000567//Homo sapiens haemopoietic progenitor homeobox HPX42B (HPX42B) mRNA, complete
 cds//5.8e-51:404:80//Hs.125231:AF068006
 F-MAMMA1000576//ESTs//3.8e-32:236:74//Hs.140039:AA047045
 F-MAMMA1000583//ESTs//0.00099:123:70//Hs.135173:AI276780
 F-MAMMA1000585//Homo sapiens class-I MHC-restricted T cell associated molecule (CRTAM) mRNA, complete
 15 cds//8.8e-45:390:78//Hs.159523:AF001622
 F-MAMMA1000594//ESTs//8.3e-42:322:81//Hs.161660:AA167744
 F-MAMMA1000597//Homo sapiens KIAA0426 mRNA, complete cds//2.6e-37:592:68//Hs.97476:AB007886
 F-MAMMA1000605//Homo sapiens 4F5S mRNA, complete cds//5.1e-26:228:73//Hs.32567:AF073519
 F-MAMMA1000612//Homo sapiens Gx protein (GX) mRNA, complete cds//0.00091:300:60//Hs.29207:AF071494
 20 F-MAMMA1000616//ESTs//0.41:373:59//Hs.130699:AA621478
 F-MAMMA1000621//EST//0.027:146:62//Hs.148305:AA909605
 F-MAMMA1000623
 F-MAMMA1000625//Homo sapiens ES/130 mRNA, complete cds//0.89:428:56//Hs.98614:AF006751
 F-MAMMA1000643//Homo sapiens nephrocystin (NPHP1) mRNA, partial cds//0.092:365:59//Hs.75474:
 25 AF023674
 F-MAMMA1000664//ESTs//7.6e-07:259:64//Hs.140622:AA844353
 F-MAMMA1000669//Human kpni repeat mrna (cdna clone pcd-kpni-4),3' end//9.0e-30:531:64//Hs.139107:
 K00629
 F-MAMMA1000670//ESTs//6.6e-83:389:100//Hs.148595:AI244490
 30 F-MAMMA1000672//Homo sapiens CAGH32 mRNA, partial cds//0.17:109:73//Hs.4316:U80743
 F-MAMMA1000684//Homo sapiens forkhead protein FREAC-2 mRNA, complete cds//3.3e-07:249:62//Hs.44481:
 U13220
 F-MAMMA1000696//Interleukin 10//5.6e-47:355:82//Hs.2180:M57627
 F-MAMMA1000707//ESTs//1.4e-09:225:65//Hs.138722:N51081
 35 F-MAMMA1000713//Acetylcholinesterase [I4-E5 domain] [human, tumor cell lines, Genomic, 847 nt]//0.16:84:72//
 Hs.157124:S71129
 F-MAMMA1000714//Human clone 23947 mRNA, partial cds//0.97:263:6//Hs.27414:U79275
 F-MAMMA1000718//ESTs, Weakly similar to putative p150 [H.sapiens]//5.0e-07:210:66//Hs.71148:AA854648
 F-MAMMA1000720//ESTs//1.4e-50:301:83//Hs.138852:AA284247
 40 F-MAMMA1000723//ESTs, Weakly similar to ORF2-like protein [H.sapiens]//8.1e-22:288:72//Hs.114685:
 AA700024
 F-MAMMA1000731//Homo sapiens CHD1 mRNA, complete cds//1.5e-23:292:66//Hs.22670:AF006513
 F-MAMMA1000732//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//4.8e-40:288:78//Hs.
 158095:AB007953
 45 F-MAMMA1000733//RAS GTPASE-ACTIVATING-LIKE PROTEIN IQGAP1//0.25:467:58//Hs.1742:L33075
 F-MAMMA1000734//Homo sapiens SEC63 (SEC63) mRNA, complete cds//2.3e-169:802:98//Hs.31575:
 AF100141
 F-MAMMA1000738//EST//1.0:149:63//Hs.136928:AA812580
 F-MAMMA1000744//Homo sapiens mRNA for KIAA0575 protein, complete cds//3.3e-51:323:88//Hs.153468:
 50 AB011147
 F-MAMMA1000746//ESTs//2.3e-42:409:76//Hs.61199:AA024494
 F-MAMMA1000752//EST, Weakly similar to putative p150 [H.sapiens]//1.1e-14:285:68//Hs.162011:AA513663
 F-MAMMA1000760//Myelin oligodendrocyte glycoprotein {alternative products}//6.2e-47:341:82//Hs.53217:
 Z48051
 55 F-MAMMA1000761//ESTs, Moderately similar to !!!! ALU SUBFAMILY SX WARNING ENTRY !!!! [H.sapiens]//
 9.8e-19:131:76//Hs.118972:AA761369
 F-MAMMA1000775//EST//6.9e-32:424:69//Hs.44554:N34288
 F-MAMMA1000776//ESTs//5.5e-43:154:84//Hs.141581:AA315361

EP 1 074 617 A2

F-MAMMA1000778//EST//4.4e-28:226:80//Hs.128952:AA984114
 F-MAMMA1000782//ESTs//0.35:270:60//Hs.29153:AA551137
 F-MAMMA1000798//Homo sapiens clone 24407 mRNA sequence//1.6e-23:531:65//Hs.12432:AF070575
 F-MAMMA1000802//ESTs//3.1e-67:340:97//Hs.126081:AA459849
 5 F-MAMMA1000824//ESTs//0.98:44:90//Hs.42802:N20130
 F-MAMMA1000831//ESTs//0.0081:194:60//Hs.150400:AI298089
 F-MAMMA1000839//Small inducible cytokine A5 (RANTES)//4.7e48:241:74//Hs.155464:AF088219
 F-MAMMA1000841
 F-MAMMA1000842//Human monocytic leukaemia zinc finger protein (MOZ) mRNA, complete cds//0.18:483:59//
 10 Hs.82210:U47742
 F-MAMMA1000843//EST//0.34:113:68//Hs.58415:W74696
 F-MAMMA1000845//EST//2.9e-06:56:80//Hs.123243:AA804877
 F-MAMMA1000851//EST//0.78:103:65//Hs.135656:AA907022
 F-MAMMA1000855
 15 F-MAMMA1000856//Homo sapiens preprocathepsin P mRNA, partial cds//0.14:320:59//Hs.71388:AF032906
 F-MAMMA1000859//SOX-3 PROTEIN//0.014:474:57//Hs.157429:X71135
 F-MAMMA1000862//EST//1.0:92:66//Hs.157599:AI357342
 F-MAMMA1000863//ELK1, member of ETS oncogene family//1.2e-30:214:75//Hs.116549:AL009172
 F-MAMMA1000865//ESTs//0.99:127:66//Hs.125230:AA873812
 20 F-MAMMA1000867//EST//0.027:236:60//Hs.147156:AI191777
 F-MAMMA1000875//Human mRNA for KIAA0269 gene, complete cds//0.96:245:59//Hs.75850:D87459
 F-MAMMA1000876//ESTs//1.5e-39:192:90//Hs.132020:AA704147
 F-MAMMA1000877//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.4e-91:
 484:94//Hs.138938:AA012894
 25 F-MAMMA1000880//EST//0.014:142:66//Hs.137044:AA878812
 F-MAMMA1000883//EST//1.0:166:62//Hs.126352:AA894465
 F-MAMMA1000897//H.sapiens mRNA for inter-alpha-trypsin inhibitor heavy chain H3//2.6e-06:211:63//Hs.76716:
 X67055
 F-MAMMA1000905//Cartilage matrix protein//0.97:190:64//Hs.150366:M55683
 30 F-MAMMA1000906//ESTs//3.0e-07:145:72//Hs.133556:AA702506
 F-MAMMA1000908//ESTs//1.1e-70:484:84//Hs.142497:AA189081
 F-MAMMA1000914//Angiopoietin 1//0.14:450:59//Hs.2463:D13628
 F-MAMMA1000921//ESTs//6.8e-96:448:99//Hs.135721:AI125239
 F-MAMMA1000931//CD4 receptor {exons 1 and 2} [human, T-lymphocyte, mRNA, 3429 nt]//1.0e-25:312:66//Hs.
 35 116007:S79267
 F-MAMMA1000940//EST//2.9e-42:209:76//Hs.140567:AA825968
 F-MAMMA1000941//Dihydrolipoamide branched chain transacylase (E2 component of branched chain keto acid
 dehydrogenase complex)//1.8e-38:395:71//Hs.89479:X66785
 F-MAMMA1000942//ESTs//1.9e-19:252:71//Hs.141575:AA211734
 40 F-MAMMA1000943//Human mRNA for KIAA0305 gene, complete cds//0.077:236:63//Hs.83790:AB002303
 F-MAMMA1000956//Homo sapiens hRVP1 mRNA for RVP1, complete cds//8.8e-33:566:64//Hs.25640:AB000714
 F-MAMMA1000957//ESTs//1.0:177:59//Hs.149864:N80474
 F-MAMMA1000962//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//1.1e-56:310:85//
 Hs.129735:AF010144
 45 F-MAMMA1000968//ESTs//9.2e-18:128:89//Hs.163980:AA715814
 F-MAMMA1000975//ESTs//3.8e-08:219:66//Hs.110937:AA137096
 F-MAMMA1000979//EST//0.00022:155:65//Hs.101379:Z39802
 F-MAMMA1000987//EST//1.1e-48:373:81//Hs.139034:W27062
 F-MAMMA1000998//EST//2.0e-07:356:62//Hs.132467:AA922007
 50 F-MAMMA1001003//ESTs//0.47:129:67//Hs.164016:AI003724
 F-MAMMA1001008//ESTs//1.9e-17:153:82//Hs.141161:AA210711
 F-MAMMA1001021//Homo sapiens beta-dystrobrevin (BDTN) mRNA, complete cds//4.7e-17:100:100//Hs.13451:
 Y15718
 F-MAMMA1001024//ESTs//0.97:251:62//Hs.59389:R93968
 55 F-MAMMA1001030//Homo sapiens orphan G protein-coupled receptor HG38 mRNA, complete cds//3.6e-32:753:
 61//Hs.98384:AF062006
 F-MAMMA1001035//ESTs//6.9e-28:268:77//Hs.139536:AA180857
 F-MAMMA1001038

- F-MAMMA1001041//ALPHA-ACTININ 1, CYTOSKELETAL ISOFORM//2.7e-10:357:65//Hs.119000:M95178
 F-MAMMA1001050//EST//1.8e-29:321:74//Hs.161240:AI419882
 F-MAMMA1001059//ESTs, Weakly similar to protein synthesis initiation factor 4A-II homolog//7.9e-87:415:99//Hs.135623:AA134719
- 5 F-MAMMA1001067//EST//0.30:166:60//Hs.148441:AI198503
 F-MAMMA1001073//ESTs//1.0e-98:476:98//Hs.98321:AA455585
 F-MAMMA1001074//ESTs//1.6e-82:396:98//Hs.118923:AA252116
 F-MAMMA1001075//Homo sapiens (clone F4) transmembrane protein mRNA sequence//3.7e-29:559:65//Hs.135251:L09749
- 10 F-MAMMA1001078//Human Line-1 repeat mRNA with 2 open reading frames//2.7e-99:689:83//Hs.23094:M19503
 F-MAMMA1001080//IG ALPHA-2 CHAIN C REGION//5.8e-43:319:81//Hs.32225:AF067420
 F-MAMMA1001082//ESTs//6.2e-28:275:77//Hs.152685:AA613896
 F-MAMMA1001091//Homo sapiens mRNA for KIAA0711 protein, complete cds//0.0081:586:57//Hs.5333:AB018254
- 15 F-MAMMA1001092//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//5.1e-24:328:72//Hs.103948:K00627
 F-MAMMA1001105//Homo sapiens OVO-like 1 binding protein (OVOL1) mRNA, complete cds//2.1e-24:507:66//Hs.97905:AF016045
 F-MAMMA1001110//Human mRNA for KIAA0125 gene, complete cds//0.94:448:57//Hs.38365:D50915
- 20 F-MAMMA1001126//Small inducible cytokine A5 (RANTES)//4.6e-18:123:85//Hs.155464:AF088219
 F-MAMMA1001133
 F-MAMMA1001139
 F-MAMMA1001143//ESTs//2.6e-18:121:82//Hs.135117:AI091534
 F-MAMMA1001145//ESTs//1.5e-36:442:69//Hs.124712:H90217
- 25 F-MAMMA1001154//EST//0.054:208:61//Hs.162088:AA505741
 F-MAMMA1001161//Homo sapiens mRNA for KIAA0575 protein, complete cds//6.6e-38:337:77//Hs.153468:AB011147
 F-MAMMA1001162//EST//4.7e-16:117:90//Hs.130894:AI014299
 F-MAMMA1001181
- 30 F-MAMMA1001186//Human macrophage-derived chemokine precursor (MDC) mRNA, complete cds//6.5e-47:313:81//Hs.97203:U83171
 F-MAMMA1001191//ESTs//5.8e-34:197:94//Hs.121575:AA758083
 F-MAMMA1001198
 F-MAMMA1001202//ESTs//1.5e-37:210:83//Hs.79788:AA527348
- 35 F-MAMMA1001203//ESTs//1.2e-29:199:76//Hs.141605:H92974
 F-MAMMA1001206//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//5.5e-25:275:75//Hs.105292:AA504776
 F-MAMMA1001215//ESTs//1.9e-06:300:63//Hs.113566:T03200
 F-MAMMA1001220//Human mRNA for KIAA0118 gene, partial cds//2.7e-53:367:84//Hs.154326:D42087
- 40 F-MAMMA1001222//Homo sapiens mRNA for KIAA0634 protein, partial cds//1.8e-05:435:59//Hs.30898:AB014534
 F-MAMMA1001243//ESTs//5.2e-19:118:94//Hs.122830:AA765587
 F-MAMMA1001244
 F-MAMMA1001249//ESTs//1.3e-89:420:99//Hs.147744:AI220476
- 45 F-MAMMA1001256//ESTs//2.1e-34:282:80//Hs.46158:AI160121
 F-MAMMA1001259//ESTs//2.9e-07:68:95//Hs.6193:AA045149
 F-MAMMA1001260//Homo sapiens mRNA for KIAA0661 protein, complete cds//2.8e-41:659:64//Hs.65238:AB014561
 F-MAMMA1001268//Human Line-1 repeat mRNA with 2 open reading frames//1.7e-33:336:74//Hs.23094:M19503
- 50 F-MAMMA1001271//Homo sapiens CAGH3 mRNA, complete cds//3.4e-06:487:59//Hs.21858:U80747
 F-MAMMA1001274//Human mRNA for KIAA0080 gene, partial cds//5.1e-62:396:76//Hs.74554:D38522
 F-MAMMA1001280//ESTs//7.3e-14:273:67//Hs.126503:AA913832
 F-MAMMA1001292//Human mRNA for KIAA0176 gene, partial cds//5.6e-54:616:71//Hs.4935:D79998
- 55 F-MAMMA1001296//ESTs//4.8e-34:136:85//Hs.70279:AA757426
 F-MAMMA1001298//ESTs//0.021:73:80//Hs.114233:N91305
 F-MAMMA1001305//Human DNA sequence from PAC 127B20 on chromosome 22q11.2-qter, contains gene for GTPase-activating protein similar to rhoGAP protein. ribosomal protein L6 pseudogene, ESTs and CA repeat//1.9e-58:295:97//Hs.102336:Z83838

F-MAMMA1001322//ESTs//9.4e-18:221:74//Hs.139132:AA211087
 F-MAMMA1001324//Human endogenous retrovirus pHE.1 (ERV9)//6.7e-75:745:73//Hs.93174:X57147
 F-MAMMA1001330//ESTs//2.6e-26:169:91//Hs.4209:AA205806
 F-MAMMA1001341//ESTs//0.10:267:62//Hs.155922:AI147197
 5 F-MAMMA1001343//ESTs//0.0024:323:62//Hs.119238:AA476267
 F-MAMMA1001346//Homo sapiens mRNA for KIAA0715 protein, partial cds//0.94:89:75//Hs.109358:AB018258
 F-MAMMA1001383//Putative mismatch repair/binding protein hMSH3//7.3e-49:273:80//Hs.42674:U61981
 F-MAMMA1001388//INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN COMPLEX ACID LABILE CHAIN
 PRECURSOR//4.6e-09:415:58//Hs.839:M86826
 10 F-MAMMA1001397//Prostaglandin I2 (prostacyclin) synthase //1.3e-26:358:67//Hs.61333:D83402
 F-MAMMA1001408//ESTs//7.2e-06:123:72//Hs.26753:R60763
 F-MAMMA1001411//Autosomal dominant polycystic kidney disease type II//1.0:176:64//Hs.82001:U50928
 F-MAMMA1001419//Homo sapiens KIAA0395 mRNA, partial cds//4.1e-45:409:80//Hs.43681:AL022394
 F-MAMMA1001420//Homo sapiens mRNA for alpha(1,2)fucosyltransferase, complete cds//0.00042:125:75//Hs.
 15 46328:D87942
 F-MAMMA1001435//Human HsLIM15 mRNA for HsLim15, complete cds//8.2e-43:543:71//Hs.37181:D64108
 F-MAMMA1001442//ESTs//7.9e-15:103:92//Hs.25780:R51321
 F-MAMMA1001446//ESTs//3.5e-44:292:73//Hs.111583:AA463590
 F-MAMMA1001452//ESTs//0.73:152:65//Hs.163766:AI424040
 20 F-MAMMA1001465//ESTs//1.0e-15:201:75//Hs.8836:AA181053
 F-MAMMA1001476//Human mRNA for 5'-terminal region of UMK, complete cds//2.0e-24:273:72//Hs.75939:
 D78335
 F-MAMMA1001487//ESTs, Weakly similar to ORF2-like protein [H.sapiens]//3.2e-25:397:68//Hs.116874:
 AA524909
 25 F-MAMMA1001501//CALPAIN 1, LARGE//3.1e-53:438:81//Hs.2575:X04366
 F-MAMMA1001502//Human p120E4F transcription factor mRNA, complete cds//0.99:258:61//Hs.154196:U87269
 F-MAMMA1001510//ESTs//8.7e-09:380:61//Hs.118701:AA420795
 F-MAMMA1001522//ESTs//7.1e-44:321:80//Hs.120170:AI018506
 F-MAMMA1001547
 30 F-MAMMA1001551//Homo sapiens mRNA for KIAA0462 protein, partial cds//7.5e-130:614:98//Hs.129937:
 AB007931
 F-MAMMA1001575//ESTs, Weakly similar to zinc finger protein C2H2-171 [H.sapiens]//0.71:181:62//Hs.118866:
 AI017072
 F-MAMMA1001576//Tubulin, gamma polypeptide//5.7e-97:529:91//Hs.150785:M61764
 35 F-MAMMA1001590//EST//1.7e-13:94:92//Hs.95900:AA160339
 F-MAMMA1001600//EST//1.0e-08:81:87//Hs.149220:AI247132
 F-MAMMA1001604//EST//0.0070:157:62//Hs.162516:AA583375
 F-MAMMA1001606//Human clone 23627 mRNA, complete cds//0.64:336:58//Hs.23642:U79266
 F-MAMMA1001620//ESTs//6.8e-16:99:79//Hs.164052:AA836152
 40 F-MAMMA1001627//Pregnancy-associated plasma protein A//0.27:379:58//Hs.158229:U28727
 F-MAMMA1001630//Human DNA sequence from clone 71L16 on chromosome Xp11. Contains a probable Zinc
 Finger protein (pseudo)gene, an unknown putative gene, a pseudogene with high similarity to part of antigen KI-
 67, a putative Chondroitin 6-Sulfotransferase LIKE gene and a KIAA0267 LIKE putative Na(+)/H(+) exchanger
 protein gene. Contains a predicted CpG island, ESTs, STSs and GSSs and genomic markers DXS1003 and
 45 DXS1055//1.4e-40:447:73//Hs.154353:AL022165
 F-MAMMA1001633//Human zinc finger protein (LD5-1) mRNA, complete cds//3.6e-44:611:67//Hs.57679:U57796
 F-MAMMA1001635
 F-MAMMA1001649//ESTs//1.4e-47:238:99//Hs.124063:T75524
 F-MAMMA1001654//Homo sapiens retinal rod Na-Ca+K exchanger (NCKX1) mRNA, complete cds//0.00069:140:
 50 68//Hs.59829:AB014602
 F-MAMMA1001663//Homo sapiens mRNA for KIAA0448 protein, complete cds//0.015:135:71//Hs.27349:
 AB007917
 F-MAMMA1001670//ESTs, Highly similar to 52 KD RO PROTEIN [Homo sapiens]//0.064:472:60//Hs.110819:
 AI027548
 55 F-MAMMA1001671
 F-MAMMA1001679//ESTs//0.94:55:83//Hs.152506:AA573317
 F-MAMMA1001683//ESTs//1.6e-92:480:96//Hs.118496:AA036889
 F-MAMMA1001686//ESTs//0.00019:171:66//Hs.140402:AI138765

EP 1 074 617 A2

F-MAMMA1001692//ESTs//0.97:104:70//Hs.27596:AI188549
 F-MAMMA1001711//Human G protein-coupled receptor (STRL22) mRNA, complete cds//8.0e-45:323:83//Hs.46468:U45984
 F-MAMMA1001715//ESTs//1.3e-14:188:72//Hs.130815:AA936548
 5 F-MAMMA1001730//ESTs//0.048:198:65//Hs.116412:AA506926
 F-MAMMA1001735//Human beta-tubulin class III isotype (beta-3) mRNA, complete cds//1.5e-111:725:84//Hs.159154:U47634
 F-MAMMA1001740//EST//0.77:119:65//Hs.148140:AA887098
 F-MAMMA1001743//ESTs//6.5e-27:195:72//Hs.163688:H48768
 10 F-MAMMA1001744//EST//0.00019:134:70//Hs.146863:AI161245
 F-MAMMA1001745//Human Line-1 repeat mRNA with 2 open reading frames//4.7e-67:822:69//Hs.23094:M19503
 F-MAMMA1001751//Homo sapiens two P domain potassium channel subunit (HOHO1) mRNA, complete cds//1.0e-36:583:65//Hs.79351:U33632
 F-MAMMA1001754//ESTs//5.1e-97:456:99//Hs.157928:AA775822
 15 F-MAMMA1001757//EST//0.042:177:63//Hs.144436:R07109
 F-MAMMA1001760//Homo sapiens RET finger protein-like 1 antisense transcript, partial//6.6e-41:309:84//Hs.102576:AJ010230
 F-MAMMA1001764//ESTs//0.057:290:60//Hs.68647:AA524072
 F-MAMMA1001768//Human transcription factor, forkhead related activator 4 (FREAC-4) mRNA, complete cds//2.2e-05:504:60//Hs.96028:AF042832
 20 F-MAMMA1001769//Homo sapiens PYRIN (MEFV) mRNA, complete cds//1.1e-85:686:79//Hs.113283:AF018080
 F-MAMMA1001771//Human semaphorin III family homolog mRNA, complete cds//0.00071:392:60//Hs.32981:U38276
 F-MAMMA1001783//ESTs//8.8e-23:206:79//Hs.142524:H02940
 25 F-MAMMA1001785//ESTs//1.3e-52:270:97//Hs.61809:AA503549
 F-MAMMA1001788//Human kpni repeat mma (cdna clone pcd-kpni-8), 3' end//6.7e-21:212:77//Hs.103948:K00627
 F-MAMMA1001790//Homo sapiens KIAA0409 mRNA, partial cds//2.2e-06:139:72//Hs.5158:AB007869
 F-MAMMA1001806//ESTs//6.4e-44:373:79//Hs.105665:H78987
 30 F-MAMMA1001812//ESTs//4.8e-83:407:97//Hs.98613:D83884
 F-MAMMA1001815//EST//2.1e-56:374:85//Hs.141488:N47096
 F-MAMMA1001817//EST//8.6e-39:336:78//Hs.162236:AA551582
 F-MAMMA1001818//EST//0.32:375:58//Hs.72729:AA167589
 F-MAMMA1001820//Homo sapiens cytokine-like factor-1 precursor (CLF-1) mRNA, complete cds//0.082:153:66//Hs.114948:AF059293
 35 F-MAMMA1001824//EST//0.0013:195:63//Hs.129275:AA992742
 F-MAMMA1001836//ESTs//7.4e-52:283:95//Hs.92290:R78691
 F-MAMMA1001837//Homo sapiens mRNA for zinc finger protein FPM315, complete cds//2.0e-29:641:62//Hs.56808:D88827
 40 F-MAMMA1001848//ESTs//3.5e-53:264:99//Hs.116430:AA644665
 F-MAMMA1001851//ESTs//0.00050:251:64//Hs.163776:AI393028
 F-MAMMA1001854
 F-MAMMA1001858//EST//1.0:113:68//Hs.132482:AA922218
 F-MAMMA1001864//EST//1.3e-06:399:60//Hs.161500:N68060
 45 F-MAMMA1001868//Homo sapiens nuclear receptor co-repressor N-CoR mRNA, complete cds//0.084:672:58//Hs.152455:AF044209
 F-MAMMA1001874//ESTs//0.97:292:58//Hs.24553:AI150687
 F-MAMMA1001878
 F-MAMMA1001880//ESTs//9.2e-09:277:62//Hs.15776:T91944
 50 F-MAMMA1001890//EST//1.7e-85:440:97//Hs.128842:AA977576
 F-MAMMA1001907//EST//2.7e-26:294:74//Hs.98794:AA434078
 F-MAMMA1001908//ESTs//3.2e-109:505:100//Hs.146145:AI391521
 F-MAMMA1001931//ESTs//1.0:108:67//Hs.126624:AA768874
 F-MAMMA1001956//Apolipoprotein E//1.0:322:59//Hs.76260:M12529
 55 F-MAMMA1001963//ESTs//0.84:320:60//Hs.6523:AA218859
 F-MAMMA1001969//Homo sapiens clone 23892 mRNA sequence//3.6e-79:423:81//Hs.91916:AF035317
 F-MAMMA1001970//Oxytocin receptor//9.7e-31:626:64//Hs.2820:X64878
 F-MAMMA1001992//EST, Weakly similar to reverse transcriptase [H.sapiens]//7.9e-09:150:72//Hs.118222:

N91115

F-MAMMA1002009//ESTs//2.2e-18:234:69//Hs.21978:AA009633

F-MAMMA1002011//ESTs//0.91:276:59//Hs.141196:AA704826

F-MAMMA1002032//ESTs//7.8e-40:344:77//Hs.141658:N77915

5 F-MAMMA1002033//ESTs//2.5e-30:293:76//Hs.139158:AA226159

F-MAMMA1002041//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//1.2e-54:455:70//Hs.158095:AB007953

F-MAMMA1002042//ESTs//1.4e-20:199:79//Hs.140913:R44580

F-MAMMA1002047//EST//4.2e-14:170:75//Hs.124348:AA830225

10 F-MAMMA1002056//EST//2.1e-49:414:80//Hs.162335:AA564256

F-MAMMA1002058//EST//4.7e-26:268:78//Hs.140520:AA809305

F-MAMMA1002068//Human Line-1 repeat mRNA with 2 open reading frames//8.5e-36:382:75//Hs.23094:M19503

F-MAMMA1002078

F-MAMMA1002082

15 F-MAMMA1002084//EST//0.37:351:59//Hs.46576:N46012

F-MAMMA1002093//Homo sapiens mRNA for ATP-dependent RNA helicase, partial//0.54:388:57//Hs.99423:AJ010840

F-MAMMA1002108//Loricrin//0.00066:410:56//Hs.155657:M61120

F-MAMMA1002118//EST//0.50:202:64//Hs.126872:AA932932

20 F-MAMMA1002125//Small inducible cytokine A5 (RANTES)//2.4e-39:272:86//Hs.155464:AF088219

F-MAMMA1002132//EST//6.4e-05:245:60//Hs.149361:AI272963

F-MAMMA1002140//ESTs//5.8e-33:212:77//Hs.141203:H52638

F-MAMMA1002143//SERUM PROTEIN MSE55//1.9e-12:192:70//Hs.148101:M88338

F-MAMMA1002145//EST//0.12:204:60//Hs.160983:AI392837

25 F-MAMMA1002153

F-MAMMA1002155//ESTs, Weakly similar to p40 [H.sapiens]//3.6e-67:335:97//Hs.88424:AA281385

F-MAMMA1002156//Integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)//0.99:310:58//Hs.87149:M35999

F-MAMMA1002158//EST//0.015:278:58//Hs.162666:AA605196

F-MAMMA1002170//40S RIBOSOMAL PROTEIN S2//6.9e-82:573:82//Hs.119389:X17206

30 F-MAMMA1002174//Human NOF1 mRNA, complete cds//2.2e-42:375:78//Hs.75859:U39400

F-MAMMA1002198//H.sapiens mRNA for thiol-specific antioxidant//3.3e-36:121:98//Hs.146354:Z22548

F-MAMMA1002209//ESTs//1.1e-84:409:98//Hs.139235:AA278362

F-MAMMA1002215//Loricrin//0.0024:369:57//Hs.155657:M61120

35 F-MAMMA1002219//ESTs, Weakly similar to coded for by C. elegans cDNA yk52b10.3 [C.elegans]//9.5e-41:202:100//Hs.118849:AA215645

F-MAMMA1002230//ESTs//0.92:253:60//Hs.4222:AI024063

F-MAMMA1002236//ESTs, Moderately similar to initiation factor eIF-2B gamma subunit [R.norvegicus]//4.6e-69:344:90//Hs.76822:AI359536

40 F-MAMMA1002243//Homo sapiens serine threonine kinase 11 (STK11) mRNA, complete cds//0.99:454:56//Hs.122755:AF032986

F-MAMMA1002250//Human involucrin mRNA//0.0037:396:62//Hs.157091:M13903

F-MAMMA1002267//ESTs//2.0e-12:296:62//Hs.155686:AI308841

F-MAMMA1002268//Human N-type calcium channel alpha-1 subunit mRNA, complete cds//1.2e-06:427:61//Hs.69949:M94172

45 F-MAMMA1002269

F-MAMMA1002282//ESTs//5.9e-65:342:95//Hs.13962:T72715

F-MAMMA1002292//EST//0.0050:346:58//Hs.97639:AA398440

F-MAMMA1002293//Homo sapiens DNA fragmentation factor 40 kDa subunit (DFF40) mRNA, complete cds//2.8e-60:387:75//Hs.133089:AF064019

50 F-MAMMA1002294//Human growth/differentiation factor 1 (GDF-1) mRNA, complete cds//4.3e-07:349:64//Hs.92614:M62302

F-MAMMA1002297//EST//0.98:98:68//Hs.148207:AA897460

F-MAMMA1002298//Paired basic amino acid cleaving system 4//0.0061:471:57//Hs.77234:AB001914

F-MAMMA1002299//ESTs//1.0:162:68//Hs.134132:AA205935

55 F-MAMMA1002308//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//6.9e-41:293:83//Hs.105292:AA504776

F-MAMMA1002310//Homo sapiens serine protease-like protease (nes1) mRNA, complete cds//0.0037:173:67//Hs.69423:AF055481

F-MAMMA1002311//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//1.8e-41:473:65//Hs.92381:AB007956
 F-MAMMA1002312//ESTs//0.0017:279:60//Hs.163773:AA806291
 F-MAMMA1002317//ESTs//1.0:131:64//Hs.66075:F08908
 5 F-MAMMA1002319//Homo sapiens clone 24566 mRNA sequence//1.2e-28:410:68//Hs.133342:AF070536
 F-MAMMA1002322//ESTs//1.2e-47:356:82//Hs.152413:AA780515
 F-MAMMA1002329//Homo sapiens clone 24444 RaP2 interacting protein 8 (RPIP8) mRNA, complete cds//0.0079:143:67//Hs.6755:AF055026
 10 F-MAMMA1002332//Human kpni repeat mma (cdna clone pcd-kpni-8), 3' end//1.2e-26:342:72//Hs.103948:K00627
 F-MAMMA1002333//Homo sapiens mRNA for KIAA0711 protein, complete cds//6.8e-07:669:58//Hs.5333:AB018254
 F-MAMMA1002339//H.sapiens mRNA for retrotransposon//3.2e-40:348:73//Hs.6940:Z48633
 F-MAMMA1002347//EST, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.9e-14:146:81//Hs.163073:R02591
 15 F-MAMMA1002351//ESTs//1.2e-74:371:96//Hs.111429:W28907
 F-MAMMA1002352//EST//1.7e-09:198:68//Hs.149218:AI247086
 F-MAMMA1002353//ESTs//7.4e-15:163:77//Hs.157253:AI357539
 F-MAMMA1002355//Homo sapiens KIAA0441 mRNA, complete cds//7.7e-47:307:78//Hs.32511:AB007901
 20 F-MAMMA1002356//ESTs//0.012:380:58//Hs.105349:AA779733
 F-MAMMA1002359//EST//1.1e-44:264:77//Hs.141095:H23818
 F-MAMMA1002360//ESTs//7.6e-15:200:70//Hs.19770:AA447830
 F-MAMMA1002361//ESTs//2.5e-29:277:79//Hs.155115:AA669923
 F-MAMMA1002362//EST//0.25:304:58//Hs.1.62427:AA576345
 25 F-MAMMA1002380//FACTOR VIII INTRON 22 PROTEIN//0.29:485:59//Hs.83363:M34677
 F-MAMMA1002384//ESTs//1.1 e-05:220:65//Hs.141388:R52022
 F-MAMMA1002385//ESTs, Moderately similar to T11G6.8 [C.elegans]//8.4e-118:578:97//Hs.25516:AI086362
 F-MAMMA1002392//EST//0.85:319:57//Hs.126484:AA913624
 F-MAMMA1002411//ESTs//0.00044:89:76//Hs.141685:AI142632
 30 F-MAMMA1002413//ESTs//0.0020:303:61//Hs.94903:W85737
 F-MAMMA1002417//ESTs//1.4e-06:223:65//Hs.143695:AA662745
 F-MAMMA1002427//ESTs//5.4e-48:356:82//Hs.146811:AA410788
 F-MAMMA1002428//EST//1.0:96:71//Hs.105130:AA482030
 F-MAMMA1002434//Human mRNA for KIAA0118 gene, partial cds//2.2e-52:370:83//Hs.154326:D42087
 35 F-MAMMA1002446
 F-MAMMA1002454//ESTs//9.1e-50:163:100//Hs.80162:AA534809
 F-MAMMA1002461//Human diacylglycerol kinase (DAGK) mRNA, complete cds//6.3e-06:595:59//Hs.99932:L38707
 F-MAMMA1002470
 40 F-MAMMA1002475//Human MAP kinase activated protein kinase 2 mRNA, complete cds//0.018:417:58//Hs.75074:U12779
 F-MAMMA1002480//ESTs//0.0015:258:62//Hs.132082:N67059
 F-MAMMA1002485//Homo sapiens stanniocalcin-2 (STC-2) mRNA, complete cds//9.4e-120:560:98//Hs.155223:AF055460
 45 F-MAMMA1002494//ESTs//2.4e-68:359:95//Hs.124652:AA857628
 F-MAMMA1002498//ESTs, Weakly similar to hypothetical protein [H.sapiens]//4.0e-07:257:63//Hs.133013:AA604920
 F-MAMMA1002524//Huntingtin (Huntington disease)//0.0085:215:65//Hs.79391:L12392
 F-MAMMA1002530//Homo sapiens cytosolic phospholipase A2 gamma (cPLA2 gamma) mRNA, complete cds//4.5e-162:775:97//Hs.18858:AF065214
 50 F-MAMMA1002545//ESTs//6.4e-46:351:81//Hs.146811:AA410788
 F-MAMMA1002554
 F-MAMMA1002556//Human beige-like protein (BGL) mRNA, partial cds//0.96:187:62//Hs.62354:M83822
 F-MAMMA1002566//ESTs//0.0033:130:68//Hs.117018:AA832421
 55 F-MAMMA1002571//EST//0.28:115:66//Hs.156768:AI351368
 F-MAMMA1002573//ESTs//2.1e-4.8:265:94//Hs.155128:AI224516
 F-MAMMA1002585
 F-MAMMA1002590//ESTs//3.2e-11:280:63//Hs.36049:AA436831

EP 1 074 617 A2

F-MAMMA1002597//ESTs//4.8e-10:118:77//Hs.156166:AI334107
 F-MAMMA1002598//Ribosomal protein L7//3.6e-23:123:100//Hs.153:X57958
 F-MAMMA1002603//EST//0.070:99:71//Hs.122387:AA789220
 5 F-MAMMA1002612//ESTs, Moderately similar to hCDC10 protein [H.sapiens]//8.3e-18:353:65//Hs.60895:
 AA428463
 F-MAMMA1002617//B94 PROTEIN//0.0097:229:62//Hs.75522:M92357
 F-MAMMA1002618
 F-MAMMA1002619
 F-MAMMA1002622//Homo sapiens advillin mRNA, complete cds//4.7e-22:157:90//Hs.47344:AF041449
 10 F-MAMMA1002623//EST//1.5e-33:168:81//Hs.141526:N52300
 F-MAMMA1002625
 F-MAMMA1002629//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0507//1.1e-35:355:76//Hs.
 158241:AB007976
 F-MAMMA1002636//Homo sapiens mRNA for KIAA0288 gene, complete cds//1.9e-05:439:61//Hs.91400:
 15 AB006626
 F-MAMMA1002637//KINESIN LIGHT CHAIN//2.0e-47:367:72//Hs.117977:L04733
 F-MAMMA1002646//EST//1.2e-32:302:78//Hs.112540:AA601385
 F-MAMMA1002650//TRICHOHYALIN//1.2e-08:570:63//Hs.82276:L09190
 F-MAMMA1002655//EST//8.8e-40:198:100//Hs.159724:AI393335
 20 F-MAMMA1002662//EST//0.99:95:63//Hs.144074:AI005489
 F-MAMMA1002665//Lysosomal-associated membrane protein 2//1.8e-35:722:64//Hs.8262:U36336
 F-MAMMA1002671//Cyclin-dependent kinase inhibitor 1C (p57, Kip2)//8.6e-06:272:64//Hs.106070:U22398
 F-MAMMA1002673
 F-MAMMA1002684//Homo sapiens mRNA for KIAA0214 protein, complete cds//1.2e-162:752:99//Hs.3363:
 25 D86987
 F-MAMMA1002685//ESTs//7.5e-40:373:78//Hs.163937:N69915
 F-MAMMA1002698//ESTs//2.5e-09:190:68//Hs.138292:AI220397
 F-MAMMA1002699//Homo sapiens epsin 2b mRNA, complete cds//4.7e-56:398:81//Hs.22396:AF062085
 F-MAMMA1002701//ESTs//4.3e-10:110:80//Hs.156041:AI274697
 30 F-MAMMA1002708//Homo sapiens mRNA for alpha(1,2)fucosyltransferase, complete cds//1.1e-51:307:79//Hs.
 46328:D87942
 F-MAMMA1002711//EST//3.6e-38:186:77//Hs.139715:N25041
 F-MAMMA1002721//EST//3.9e-06:110:71//Hs.136758:AA714692
 F-MAMMA1002727//EST//0.97:137:63//Hs.145153:AI150165
 35 F-MAMMA1002728//ESTs, Highly similar to PAB-DEPENDENT POLY(A)-SPECIFIC RIBONUCLEASE [Saccha-
 romyces cerevisiae]//2.6e-12:129:81//Hs.154181:AA193502
 F-MAMMA1002744//ESTs//0.0026:420:58//Hs.95793:AA617853
 F-MAMMA1002746//ESTs//0.28:117:69//Hs.12925:T66312
 F-MAMMA1002748
 40 F-MAMMA1002754//ESTs//1.1e-34:340:77//Hs.163641:R61848
 F-MAMMA1002758//Homo sapiens KIAA0442 mRNA, partial cds//1.1e-27:151:98//Hs.32168:AB007902
 F-MAMMA1002764//ESTs//1.7e-45:323:84//Hs.155243:N70293
 F-MAMMA1002765//EST//3.2e-11:145:73//Hs.162551:AA584782
 F-MAMMA1002769
 45 F-MAMMA1002775//Human ABL gene, exon 1b and intron 1b, and putative M8604 Met protein (M8604 Met) gene//
 7.6e-84:417:97//Hs.77705:U07563
 F-MAMMA1002780//EST//0.78:210:63//Hs.149413:AI273988
 F-MAMMA1002782
 F-MAMMA1002796//ESTs//0.021:122:65//Hs.132221:AI380710
 50 F-MAMMA1002807//EST//1.0e-31:184:71//Hs.161497:N66919
 F-MAMMA1002820//ESTs//0.21:292:59//Hs.132513:AI778514
 F-MAMMA1002830//Homo sapiens mRNA for KIAA0563 protein, complete cds//2.4e-57:286:88//Hs.15731:
 AB011135
 F-MAMMA1002833//Human mRNA for KIAA0033 gene, partial cds//9.1e-52:583:72//Hs.22271:D26067
 55 F-MAMMA1002835
 F-MAMMA1002838//ESTs, Weakly similar to NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 1 [Locusta mi-
 gratoria]//7.7e-38:179:78//Hs.141344:H29951
 F-MAMMA1002842//ESTs//1.7e-19:134:89//Hs.111583:AA463590

EP 1 074 617 A2

F-MAMMA1002843//Homo sapiens mRNA for KIAA0810 protein, partial cds//5.4e-137:635:99//Hs.7531:AB018353
F-MAMMA1002844//ESTs, Weakly similar to Y53C12A.3 [C.elegans]//1.6e-07:329:58//Hs.107747:AI357868
F-MAMMA1002858
5 F-MAMMA1002868//EST//4.1e-23:180:77//Hs.163196:AA767643
F-MAMMA1002869//Human PINCH protein mRNA, complete cds//7.0e-88:696:78//Hs.83987:U09284
F-MAMMA1002871//ESTs//3.4e-93:466:96//Hs.11873:T68423
F-MAMMA1002880//EST//2.0e-09:364:59//Hs.145181:AI183632
F-MAMMA1002881//Homo sapiens mRNA for 25 kDa trypsin inhibitor, complete cds//3.8e-30:680:61//Hs.129732:
10 D45027
F-MAMMA1002886//Long (electrocardiographic) QT syndrome 2//0.00075:504:60//Hs.19944:U04270
F-MAMMA1002887//ESTs//0.044:144:68//Hs.133152:H91657
F-MAMMA1002890//EST//1.7e-05:74:86//Hs.116013:AA612666
F-MAMMA1002892//EST//2.1e-67:383:93//Hs.22815:R44265
15 F-MAMMA1002895//Human transcription factor ERF-1 mRNA, complete cds//0.00053:382:57//Hs.61796:U85658
F-MAMMA1002908//EST//0.0022:132:68//Hs.161697:AA224952
F-MAMMA1002909//ESTs//9.1e-21:343:70//Hs.142068:AA176125
F-MAMMA1002930//ESTs//0.55:72:72//Hs.132440:AA923730
F-MAMMA1002937//ESTs, Weakly similar to ZINC FINGER PROTEIN 84 [H.sapiens]//7.9e-103:485:99//Hs.
20 102928:AI346344
F-MAMMA1002938//Homo sapiens mRNA for KIAA0698 protein, complete cds//1.6e-194:910:98//Hs.31720:AB014598
F-MAMMA1002941//ESTs//9.5e-19:196:67//Hs.137945:AI423389
F-MAMMA1002947//ESTs//1.2e-96:460:99//Hs.156001:AI313418
25 F-MAMMA1002964//Homo sapiens KIAA0424 mRNA, partial cds//0.48:250:60//Hs.54697:AB007884
F-MAMMA1002970//EST//2.0e-16:132:84//Hs.136518:AA601400
F-MAMMA1002972
F-MAMMA1002973//ESTs//3.2e-43:225:74//Hs.155179:AA223932
F-MAMMA1002982//ESTs//0.0017:162:66//Hs.152669:AA604944
30 F-MAMMA1002987//EST//0.044:254:59//Hs.135014:AI095645
F-MAMMA1003003//Coagulation factor III (thromboplastin, tissue factor)//3.9e-22:185:83//Hs.62192:J02931
F-MAMMA1003004//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//1.0e-16:343:61//Hs.159897:AB007970
F-MAMMA1003007//EST//6.6e-10:265:66//Hs.144389:AA530979
35 F-MAMMA1003011//Homo sapiens histone macroH2A1.2 mRNA, complete cds//6.2e-51:620:69//Hs.75258:AF054174
F-MAMMA1003013//Human HOX4C mRNA for a homeobox protein//0.73:347:58//Hs.74061:X59372
F-MAMMA1003015//EST//2.5e-11:137:77//Hs.141312:H73062
F-MAMMA1003019//ESTs//0.0099:182:65//Hs.60787:AI374951
40 F-MAMMA1003026//EST//1.0:136:67//Hs.9123:T50137
F-MAMMA1003031//EST//1.3e-11:244:67//Hs.136611:AA669549
F-MAMMA1003035
F-MAMMA1003039//ESTs//1.4e-23:265:74//Hs.33393:R83391
F-MAMMA1003040//Homo sapiens tapasin (NGS-17) mRNA, complete cds//1.5e-93:339:85//Hs.5247:AF029750
45 F-MAMMA1003044//Cyclin D2//1.0:234:61//Hs.75586:D13639
F-MAMMA1003047//H.sapiens mRNA for F25B3.3 kinase like protein from C.elegans//1.0:209:60//Hs.99491:Y12336
F-MAMMA1003049//EST//0.99:126:67//Hs.162634:AA601742
F-MAMMA1003055//ESTs//0.00011:130:70//Hs.130539:R68518
50 F-MAMMA1003056
F-MAMMA1003057//ESTs, Moderately similar to hypothetical protein MD6 [M.musculus]//1.3e-88:334:97//Hs.96500:AI206781
F-MAMMA1003066//ESTs//0.77:88:71//Hs.143618:AI022618
F-MAMMA1003089//Homo sapiens mRNA for KIAA0631 protein, partial cds//4.5e-51:329:71//Hs.75154:AB014531
55 F-MAMMA1003099//Homo sapiens actin-binding protein homolog ABP-278 mRNA, complete cds//8.5e-44:288:88//Hs.81008:AF043045
F-MAMMA1003104//H.sapiens mRNA for ASM-like phosphodiesterase 3a//1.0:213:60//Hs.42945:Y08136

- F-MAMMA1003113//Homo sapiens mRNA for hair keratin acidic 3-II//0.99:200:64//Hs.32950:X82634
 F-MAMMA1003127//Homo sapiens brush border myosin I (BBMI) mRNA, complete cds//5.4e-27:421:66//Hs.5394:AF105424
 F-MAMMA1003135//Envoplakin//0.56:250:62//Hs.25482:U53786
 5 F-MAMMA1003140
 F-MAMMA1003146//Homo sapiens mRNA for Galt3 protein//7.2e-82:397:97//Hs.151344:Y15062
 F-MAMMA1003150//Homo sapiens mRNA for KIAA0515 protein, partial cds//0.00019:297:61//Hs.108945:AB011087
 F-MAMMA1003166//Glycoprotein Ib (platelet), beta polypeptide//1.2e-31:487:65//Hs.3847:U59632
 10 F-NT2RM1000001//Human plectin (PLEC1) mRNA, complete cds//0.16:244:63//Hs.79706:U53204
 F-NT2RM1000018//Human mRNA for KIAA0066 gene, partial cds//1.5e-66:385:92//Hs.82510:D31886
 F-NT2RM1000032
 F-NT2RM1000035//Human mRNA for KIAA0199 gene, partial cds//4.1e-110:849:81//Hs.78442:D83782
 F-NT2RM1000037//Homo sapiens mRNA for KIAA0690 protein, partial cds//3.5e-108:542:95//Hs.60103:AB014590
 15 F-NT2RM1000039//Human plectin (PLEC1) mRNA, complete cds//0.11:545:57//Hs.79706:U53204
 F-NT2RM1000055//ESTs, Highly similar to TIP120 [R.norvegicus]//3.2e-69:353:96//Hs.154980:AA948067
 F-NT2RM1000059//Homo sapiens T cell immune response cDNA7 (TIRC7) mRNA, complete cds//0.029:281:59//Hs.46465:U45285
 20 F-NT2RM1000062//ESTs//0.30:368:59//Hs.131675:AA843210
 F-NT2RM1000080//Homo sapiens chromosome 9, P1 clone 11659//2.8e-102:493:97//Hs.3439:AC004472
 F-NT2RM1000086//Homo sapiens mRNA for KIAA0661 protein, complete cds//5.8e-116:550:97//Hs.65238:AB014561
 F-NT2RM1000092//Murine leukemia viral (bmi-1) oncogene homolog//0.42:190:63//Hs.431:L13689
 25 F-NT2RM1000118//Homo sapiens clone 23763 unknown mRNA, partial cds//0.00086:126:70//Hs.92693:AF007155
 F-NT2RM1000119//Peroxisome receptor 1//0.00055:458:58//Hs.158084:Z48054
 F-NT2RM1000127
 F-NT2RM1000131
 30 F-NT2RM1000132//Homo sapiens NADH:ubiquinone oxidoreductase NDUF5 subunit mRNA, nuclear gene encoding mitochondrial protein, complete cds//3.7e-92:448:97//Hs.49767:AF044959
 F-NT2RM1000153//Homo sapiens mRNA for MTG8-related protein MTG16a, complete cds//1.0:546:58//Hs.110099:AB010419
 F-NT2RM1000186//Homo sapiens clone 23763 unknown mRNA, partial cds//0.00081:126:70//Hs.92693:AF007155
 35 F-NT2RM1000187//ESTs//3.4e-79:400:96//Hs.54971:AI424382
 F-NT2RM1000199//Homo sapiens mRNA for KIAA0722 protein, complete cds//0.87:454:59//Hs.47061:AF045458
 F-NT2RM1000242
 F-NT2RM1000244//Homo sapiens centrosomal Nek2-associated protein 1 (C-NAP1) mRNA, complete cds//0.97:135:66//Hs.27910:AF049105
 40 F-NT2RM1000252//TRICHOHYALIN//0.030:273:58//Hs.82276:L09190
 F-NT2RM1000256//Glutamine-fructose-6-phosphate transaminase//1.5e-13:248:69//Hs.1674:M90516
 F-NT2RM1000257//ESTs, Highly similar to similar to mago nashi [H.sapiens]//2.9e-98:530:93//Hs.104650:AI037879
 45 F-NT2RM1000260//Human mRNA for KIAA0130 gene, complete cds//2.1e-58:460:80//Hs.23106:D50920
 F-NT2RM1000271//ESTs//0.93:224:60//Hs.91226:AA649047
 F-NT2RM1000272
 F-NT2RM1000280//ESTs, Highly similar to VACUOLAR ATP SYNTHASE SUBUNIT D [Bos taurus]//1.3e-21:308:73//Hs.15071:AA781144
 50 F-NT2RM1000300
 F-NT2RM1000314//Human mRNA for KIAA0159 gene, complete cds//2.6e-128:708:92//Hs.5719:D63880
 F-NT2RM1000318//Human mRNA for ribosomal protein L39, complete cds//1.8e-35:182:99//Hs.9837:D79205
 F-NT2RM1000341//ESTs//2.3e-72:381:95//Hs.23070:AA631976
 F-NT2RM1000354//EST//5.2e-27:202:84//Hs.151186:AI125798
 55 F-NT2RM1000355//ESTs, Weakly similar to putative [M.musculus]//7.7e-75:387:95//Hs.108619:W28608
 F-NT2RM1000365//ESTs//1.7e-99:495:97//Hs.103926:AA165691
 F-NT2RM1000377//ESTs, Weakly similar to protein-tyrosine-phosphatase [H.sapiens]//7.4e-91:481:95//Hs.163707:AA137181

F-NT2RM1000388//65 KD YES-ASSOCIATED PROTEIN//0.36:340:57//Hs.8939:X80507
 F-NT2RM1000394//HISTONE H3.3//8.5e-91:474:93//Hs.118838:M11353
 F-NT2RM1000399
 F-NT2RM1000421
 5 F-NT2RM1000430//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds//1.2e-85:418:97//
 Hs.20815:AF084928
 F-NT2RM1000499//ESTs, Weakly similar to KIAA0167 protein [H.sapiens]//1.6e-38:201:97//Hs.106262:AI052382
 F-NT2RM1000539//EST//0.070:145:62//Hs.149711:AI284660
 F-NT2RM1000553//EST//2.2e-48:265:95//Hs.99230:AA449847
 10 F-NT2RM1000555//ESTs//0.82:193:61//Hs.96944:AI359957
 F-NT2RM1000563//Human plectin (PLEC1) mRNA, complete cds//1.0:336:58//Hs.79706:U53204
 F-NT2RM1000623//Homo sapiens mRNA for KIAA0287 gene, partial cds//0.98:226:61//Hs.17931:AB006625
 F-NT2RM1000648//ESTs, Weakly similar to similar to M. musculus MER5 and other AHPC/TSA proteins [C.ele-
 gans]//6.2e-51:254:98//Hs.132096:AA314601
 15 F-NT2RM1000661//Homo sapiens translation initiation factor 4e mRNA, complete cds//8.5e-55:276:97//Hs.19122:
 AF038957
 F-NT2RM1000666//Homo sapiens BAI 1 mRNA, complete cds//0.87:274:60//Hs.113936:AB005297
 F-NT2RM1000669//ESTs//5.5e-63:481:85//Hs.90527:AI188279
 F-NT2RM1000672
 20 F-NT2RM1000691//Homa sapiens mRNA for HRIHFB2060, partial cds//7.0e-121:582:98//Hs.146282:AB015348
 F-NT2RM1000699//ESTs//1.1e-89:435:97//Hs.28964:AA715101
 F-NT2RM1000702//ESTs//5.4e-90:429:99//Hs.151001:AA564706
 F-NT2RM1000725//Homo sapiens mRNA for neuropathy target esterase//1.5e-66:435:85//Hs.5038:AJ004832
 F-NT2RM1000741//Homo sapiens mRNA for KIAA0567 protein, partial cds//2.6e-127:690:92//Hs.147946:
 25 AB011139
 F-NT2RM1000742//Homo sapiens AC133 antigen mRNA, complete cds//8.2e-68:524:83//Hs.112360:AF027208
 F-NT2RM1000746//ESTs//2.6e-37:231:89//Hs.94446:AA845465
 F-NT2RM1000770//Homo sapiens KIAA0425 mRNA, complete cds//3.3e-09:321:63//Hs.150390:AB007885
 F-NT2RM1000772//Eukaryotic translation initiation factor 3 (eIF-3) p36 subunit//0.053:271:60//Hs.139745 :
 30 U39067
 F-NT2RM1000780//Human Line-1 repeat mRNA with 2 open reading frames//6.9e-20:128:94//Hs.23094:M19503
 F-NT2RM1000781//ESTs//4.4e-60:346:92//Hs.35089:N50845
 F-NT2RM1000800
 F-NT2RM1000802
 35 F-NT2RM1000811//Homo sapiens AC133 antigen mRNA, complete cds//1.2e-64:490:84//Hs.112360:AF027208
 F-NT2RM1000826//ESTs//0.82:193:61//Hs.96944:AI359957
 F-NT2RM1000829//Mannose-binding lectin, soluble (opsonic defect)//0.92:283:58//Hs.2314:X15422
 F-NT2RM1000833//Hydroxysteroid (11-beta) dehydrogenase 2//0.022:178:67//Hs.1376:U26726
 F-NT2RM1000850//Human protein tyrosine kinase related mRNA sequence//3.8e-06:384:59//Hs.90314:L05148
 40 F-NT2RM1000852//Homo sapiens mRNA for ATP-dependent RNA helicase, partial//3.0e-149:726:97//Hs.99423:
 AJ010840
 F-NT2RM1000857//ESTs//0.52:274:60//Hs.112095:AA447643
 F-NT2RM1000867//ESTs, Highly similar to signal peptidase:SUBUNIT//5.3e-54:277:96//Hs.11125:AI015619
 F-NT2RM1000874//ESTs//0.032:185:64//Hs.97713:AA442239
 45 F-NT2RM1000882//Homo sapiens chromosome 11, BAC CIT-HSP-311e8 (BC269730) containing the hFEN1
 gene//4.0e-155:750:97//Hs.132898:AC004770
 F-NT2RM1000883//Homo sapiens I-1 receptor candidate protein mRNA, complete cds//8.8e-158:762:97//Hs.
 26285:AF082516
 F-NT2RM1000885//Homo sapiens mRNA for KIAA0661 protein, complete cds//6.3e-19:310:67//Hs.65238:
 50 AB014561
 F-NT2RM1000894
 F-NT2RM1000898
 F-NT2RM1000905//EST//4.8e-07:77:84//Hs.148017:AI268701
 F-NT2RM1000924//HOMEBOX PROTEIN HOX-A5//0.00051:458:59//Hs.37034:M26679
 55 F-NT2RM1000927//Homo sapiens mRNA for KIAA0807 protein, partial cds//0.084:386:58//Hs.101474:AB018350
 F-NT2RM1000962//Human mRNA for KIAA0252 gene, partial cds//0.98:299:59//Hs.83419:D87440
 F-NT2RM1000978
 F-NT2RM1001003//Homo sapiens alpha-catenin related protein (ACRP) mRNA, complete cds//1.3e-161:760:98//

Hs.58488:U97067
 F-NT2RM1001008//ESTs//1.3e-12:144:75//Hs.133122:AI025200
 F-NT2RM1001043//EST//0.24:117:64//Hs.161536:N80395
 F-NT2RM1001044//ESTs, Weakly similar to C43E11.9[C.elegans]//3.0e-98:491:96//Hs.102173:AA045270
 5 F-NT2RM1001059//Human plectin (PLEC1) mRNA, complete cds//0.52:533:57//Hs.79706:U53204
 F-NT2RM1001066//ESTs//1.2e-114:538:99//Hs.129020:AI380703
 F-NT2RM1001072//Human beige-like protein (BGL) mRNA, partial cds//0.69:586:56//Hs.62354:M83822
 F-NT2RM1001074//Macrophage stimulating 1 (hepatocyte growth factor-like)//0.0019:294:64//Hs.30223:X90846
 F-NT2RM1001082//Archain//3.9e-37:290:81//Hs.33642:X81198
 10 F-NT2RM1001085
 F-NT2RM1001092//Zinc finger protein 43 (HTF6)//1.9e-57:770:68//Hs.74107:X59244
 F-NT2RM1001102//ESTs//1.2e-35:638:63//Hs.131737:AI343331
 F-NT2RM1001105//WEE1-LIKE PROTEIN KINASE//0.0024:246:63//Hs.75188:U10564
 F-NT2RM1001112//ESTs//8.9e-82:437:93//Hs.6330:H38495
 15 F-NT2RM1001115
 F-NT2RM1001139//Keratin 9//1.5e-05:518:59//Hs.2783:Z29074
 F-NT2RM2000006//ESTs//3.9e-16:96:98//Hs.101117:AA576113
 F-NT2RM2000013//RNA polymerase II polypeptide B (140 kD)//6.3e-13:640:59//Hs.148027:X63563
 F-NT2RM2000030
 20 F-NT2RM2000032//ESTs//7.1 e-18:138:68//Hs.114031:AA700958
 F-NT2RM2000042//ESTs//0.0091:241:61//Hs.147895:AI286243
 F-NT2RM2000092
 F-NT2RM2000093//ESTs//2.6e-40:226:94//Hs.163521:H42085
 F-NT2RM2000101//ESTs//1.0:235:61//Hs.48860:N27428
 25 F-NT2RM2000124//Protein kinase, cAMP-dependent, catalytic, alpha//5.8e-46:287:88//Hs.77271:X07767
 F-NT2RM2000191//Homo sapiens cGMP phosphodiesterase A1 (PDE9A) mRNA, complete cds//3.0e-139:566:
 97//Hs.18953:AF067223
 F-NT2RM2000192//EST//3.5e-07:168:65//Hs.163122:AA756999
 F-NT2RM2000239//ESTs, Weakly similar to K04G2.6 [C.elegans]//3.6e-93:489:95//Hs.143499:R72672
 30 F-NT2RM2000250//Homo sapiens mRNA for KIAA0590 protein, complete cds//1.0e-129:615:98//Hs.111862:
 AB011162
 F-NT2RM2000259//ESTs//6.1e-30:172:85//Hs.116406:AA209520
 F-NT2RM2000260//ESTs//2.5e-25:133:93//Hs.14169:AA203500
 35 F-NT2RM2000287//ESTs//6.2e-13:97:83//Hs.118523:H98981
 F-NT2RM2000322//Interferon regulatory factor 5//0.84:208:61//Hs.54434:U51127
 F-NT2RM2000359//Homo sapiens mRNA for KIAA0560 protein, complete cds//2.8e-176:805:99//Hs.129952:
 AB011132
 F-NT2RM2000363//ESTs//1.2e-24:139:96//Hs.48818:N63543
 40 F-NT2RM2000368//Homo sapiens protein kinase C-binding protein RACK7 mRNA, partial cds//3.7e-96:599:86//
 Hs.75871:U48251
 F-NT2RM2000371
 F-NT2RM2000374//ESTs//3.2e-13:98:91//Hs.65853:AI050866
 F-NT2RM2000395//Growth arrest-specific 1//0.80:129:67//Hs.65029:L13698
 45 F-NT2RM2000402//Human p76 mRNA, complete cds//7.2e-23:714:59//Hs.28757:U81006
 F-NT2RM2000407//ESTs//9.4e-92:458:96//Hs.148873:T33582
 F-NT2RM2000420//EST//1.8e-61:296:99//Hs.147186:AI193053
 F-NT2RM2000422//Solute carrier family 6 (neurotransmitter transporter, serotonin), member 4//1.5e-06:260:61//
 Hs.553:L05568
 50 F-NT2RM2000452//ESTs//1.0:132:62//Hs.110004:AI097379
 F-NT2RM2000469//ESTs//0.34:249:60//Hs.149575:AI281807
 F-NT2RM2000490//Homo sapiens mRNA for KIAA0747 protein, partial cds//2.4e-16:386:63//Hs.8309:AB018290
 F-NT2RM2000502//Human nicotinamide N-methyltransferase (NNMT) mRNA, complete cds//0.99:272:61//Hs.
 76669:U08021
 55 F-NT2RM2000504//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds//1.6e-172:824:97//Hs.4812:
 AF061243
 F-NT2RM2000522//Homo sapiens Nck-2 (NCK2) mRNA, complete cds//0.18:313:60//Hs.129725:AF047487
 F-NT2RM2000540//ESTs, Weakly similar to C27F2.7 gene product [C.elegans]//2.7e-41:231:94//Hs.7049:

- AI141736
 F-NT2RM2000556//ESTs//3.1e-33:183:96//Hs.136990:AA769220
 F-NT2RM2000566//Integrin, alpha 7B//2.0e-155:751:97//Hs.74369:AF032108
 F-NT2RM2000567//RYANODINE RECEPTOR, SKELETAL MUSCLE//6.3e-09:689:59//Hs.89631:U48508
 5 F-NT2RM2000569//ESTs//5.4e-17:170:77//Hs.158277:H09128
 F-NT2RM2000577//ESTs, Highly similar to ISOLEUCYL-TRNA SYNTHETASE, MITOCHONDRIAL [*Saccharomyces cerevisiae*]//1.4e-33:214:92//Hs.55609:W37993
 F-NT2RM2000581//Homo sapiens mRNA for KIAA0214 protein, complete cds//1.8e-175:820:98//Hs.3363:D86987
 10 F-NT2RM2000588//ESTs//1.5e-33:183:97//Hs.136990:AA769220
 F-NT2RM2000594
 F-NT2RM2000599//Homo sapiens Mad4 homolog (Mad4) mRNA, complete cds//0.017:253:65//Hs.102402:AF040963
 F-NT2RM2000609//ESTs//1.0:220:59//Hs.110155:AA007313
 15 F-NT2RM2000612//ESTs//0.97:208:59//Hs.73217:AA846548
 F-NT2RM2000623//Homo sapiens mRNA for KIAA0521 protein, partial cds//0.024:326:59//Hs.6150:AB011093
 F-NT2RM2000624//ESTs//2.3e-118:557:99//Hs.145904:AA203258
 F-NT2RM2000635//Homo sapiens mRNA for KIAA0729 protein, partial cds//2.0e-143:664:98//Hs.19542:AB018272
 20 F-NT2RM2000636//Homo sapiens mRNA for KIAA0658 protein, partial cds//2.4e-139:664:98//Hs.7278:AB014558
 F-NT2RM2000639//ESTs//0.98:144:65//Hs.154364:AI189702
 F-NT2RM2000649//Homo sapiens mRNA for KIAA0676 protein, partial cds//3.4e-169:518:99//Hs.115763:AB014576
 F-NT2RM2000669//ESTs//1.3e-56:283:98//Hs.156342:AI337371
 25 F-NT2RM2000691//Homo sapiens actin-related protein Arp3 (ARP3) mRNA, complete cds//6.7e-86:746:74//Hs.5321:AF006083
 F-NT2RM2000714//Human mRNA for KIAA0231 gene, partial cds//2.2e-50:748:64//Hs.7938:D86984
 F-NT2RM2000718//Homa sapiens mRNA for HRIHFB2436, partial cds//7.6e-126:594:98//Hs.136058:AB015342
 F-NT2RM2000735//Zinc finger protein 43 (HTF6)//2.7e-112:756:82//Hs.74107:X59244
 30 F-NT2RM2000740//ESTs, Highly similar to HYPOTHETICAL 132.7 KD HELICASE IN ALG7-ENP1 INTERGENIC REGION [*Saccharomyces cerevisiae*]//4.2e-85:464:91//Hs.161551:W24286
 F-NT2RM2000795//Homo sapiens tapasin (NGS-17) mRNA, complete cds//1.0e-82:640:81//Hs.5247:AF029750
 F-NT2RM2000821//Human mRNA for KIAA0340 gene, partial cds//0.32:679:59//Hs.105919:AB002338
 F-NT2RM2000837//ESTs//2.3e-105:501:98//Hs.101514:AI346701
 35 F-NT2RM2000951//Homo sapiens XYLB mRNA for xylulokinase, complete cds//2.8e-185:847:99//Hs.137580:AB015046
 F-NT2RM2000952//ESTs, Weakly similar to lethal(2)denticleless [*D.melanogaster*]//6.2e-94:441:99//Hs.59075:AI023761
 F-NT2RM2000984//Human mRNA for KIAA0246 gene, partial cds//0.94:351:62//Hs.84753:D87433
 40 F-NT2RM2001004//ESTs//5.0e-10:247:64//Hs.36049:AA346831
 F-NT2RM2001035//ESTs, Highly similar to POP2 PROTEIN [*Saccharomyces cerevisiae*]//2.9e-48:282:93//Hs.17035:AI080471
 F-NT2RM2001065
 F-NT2RM2001100//Homo sapiens mRNA for serin protease with IGF-binding motif, complete cds//1.7e-08:449:62//Hs.75111:D87258
 45 F-NT2RM2001105//Homo sapiens proline and glutamic acid rich nuclear protein isoform mRNA, partial cds//0.00079:274:59//Hs.102732:U88153
 F-NT2RM2001131//TRICHOHYALIN//2.5e-20:684:62//Hs.82276:L09190
 F-NT2RM2001141
 50 F-NT2RM2001152//ESTs//0.53:333:58//Hs.153087:AA649042
 F-NT2RM2001177
 F-NT2RM2001194//ESTs, Weakly similar to T28H10.2 [*C.elegans*]//2.4e-23:149:93//Hs.10618:AI288739
 F-NT2RM2001196//ESTs//4.0e-98:486:97//Hs.59628:W91959
 F-NT2RM2001201//Human mRNA for KIAA0005 gene, complete cds//2.8e-44:554:69//Hs.155291:D13630
 55 F-NT2RM2001221//Homo sapiens mRNA for KIAA0806 protein, complete cds//0.97:165:64//Hs.24279:AB018349
 F-NT2RM2001238//EST//6.8e-67:420:89//Hs.130586:AI004766
 F-NT2RM2001243//V-jun avian sarcoma virus 17 oncogene homolog//0.87:125:64//Hs.75889:U65928
 F-NT2RM2001247//Homo sapiens antigen NY-CO-16 mRNA, complete cds//0.0066:321:61//Hs.132206:

AF039694
 F-NT2RM2001256
 F-NT2RM2001291//ESTs//1.1e-86:459:93//Hs.10267:W27845
 F-NT2RM2001306//Homo sapiens paraoxonase (PON2) mRNA, complete cds//1.0:182:65//Hs.75221:AF001601
 5 F-NT2RM2001312//ESTs//2.0e-35:338:70//Hs.141440:N21615
 F-NT2RM2001319//ESTs, Weakly similar to No definition line found [C.elegans]//5.2e-30:277:77//Hs.25347:AI138605
 F-NT2RM2001324//Homo sapiens mRNA for beta-spectrin III, complete cds//0.031:245:62//Hs.26915:AB008567
 F-NT2RM2001345//ESTs//9.2e-91:428:99//Hs.151001:AA564706
 10 F-NT2RM2001360//ESTs//0.98:45:80//Hs.133520:AA878905
 F-NT2RM2001370//Human transportin (TRN) mRNA, complete cds//0.72:224:61//Hs.82925:U70322
 F-NT2RM2001393//Mannosidase, alpha B, lysosomal//0.42:383:57//Hs.108969:U68382
 F-NT2RM2001420//EST//1.0:287:62//Hs.125285:AA830378
 F-NT2RM2001424//Homo sapiens mRNA for E1B-55kDa-associated protein//2.3e-97:453:99//Hs.155218:
 15 AJ007509
 F-NT2RM2001499//Ecotropic retroviral receptor//5.4e-47:589:68//Hs.2928:X57303
 F-NT2RM2001504//Homo sapiens agrin precursor mRNA, partial cds//0.25:328:60//Hs.68900:AF016903
 F-NT2RM2001524//ESTs//1.0e-11:93:90//Hs.33687:R85969
 F-NT2RM2001544//ESTs//1.0e-25:157:92//Hs.137451:AA351459
 20 F-NT2RM2001547//ESTs//2.0e-29:168:96//Hs.116392:AA936262
 F-NT2RM2001575//Sjogren syndrome antigen A1 (52kD, ribonucleoprotein autoantigen SS-A/Ro)//6.9e-28:582:64//Hs.1042:M62800
 F-NT2RM2001582//ESTs, Moderately similar to red-1 [M.musculus]//0.0032:57:89//Hs.114722:AA448077
 F-NT2RM2001588//Homo sapiens KIAA0442 mRNA, partial cds//2.3e-11:282:65//Hs.32168:AB007902
 25 F-NT2RM2001592//ESTs//4.8e-73:372:95//Hs.163801:AI391729
 F-NT2RM2001605//Homo sapiens clone 23592 mRNA sequence//7.3e-87:749:75//Hs.76272:S66431
 F-NT2RM2001613//ESTs, Highly similar to PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT [Canis familiaris]//1.3e-17:181:75//Hs.131840:AI016073
 F-NT2RM2001632//EST//8.7e-18:222:76//Hs.160402:AI393918
 30 F-NT2RM2001635//Homo sapiens mRNA for KIAA0618 protein, complete cds//3.0e-154:740:98//Hs.15832:AB014518
 F-NT2RM2001637//ESTs//2.2e-06:386:61//Hs.145198:AI276952
 F-NT2RM2001641//ESTs, Highly similar to NADH-CYTOCHROME B5 REDUCTASE [Bos taurus]//3.5e-13:94:92//Hs.22142:AA814725
 35 F-NT2RM2001648//ESTs, Highly similar to PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT [Canis familiaris]//1.3e-17:181:75//Hs.131840:AI016073
 F-NT2RM2001652//ESTs//2.5e-06:82:80//Hs.128203:AA972301
 F-NT2RM2001659//ESTs//2.8e-15:92:98//Hs.123321:AA810287
 F-NT2RM2001664//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds//1.2e-173:802:99//Hs.31323:AF044195
 40 F-NT2RM2001668//ESTs, Weakly similar to DNA MISMATCH REPAIR PROTEIN MSH6 [H.sapiens]//1.1e-136:671:97//Hs.27721:U17907
 F-NT2RM2001670//Homo sapiens mRNA for KIAA0557 protein, partial cds//1.1e-25:352:70//Hs.101414:AB011129
 45 F-NT2RM2001671//ESTs//1.8e-08:63:98//Hs.158069:AI365356
 F-NT2RM2001675
 F-NT2RM2001681//ESTs//0.16:197:63//Hs.20585:R10305
 F-NT2RM2001688//ESTs//1.8e-24:130:100//Hs.162504:AA668211
 F-NT2RM2001695//EST//5.6e-51:189:89//Hs.162197:AA535216
 50 F-NT2RM2001696//ESTs, Highly similar to gene ERCC5 protein [H.sapiens]//5.8e-16:144:84//Hs.14671:T79937
 F-NT2RM2001698//ESTs//0.14:184:63//Hs.148080:AI277415
 F-NT2RM2001699//ESTs//6.5e-14:136:79//Hs.127790:AI003817
 F-NT2RM2001700//Homo sapiens putative seven pass transmembrane protein (TM7SF1) mRNA, complete cds//0.95:270:61//Hs.15791:AF027826
 55 F-NT2RM2001706//ESTs//2.8e-47:304:86//Hs.146811:AA410788
 F-NT2RM2001716//Semenogelin I//0.98:153:64//Hs.1968:M81650
 F-NT2RM2001718
 F-NT2RM2001723//Homo sapiens clone 23770 mRNA sequence//4.4e-28:163:95//Hs.12457:AF052123

- F-NT2RM2001727//Homo sapiens mRNA for KIAA0462 protein, partial cds//2.0e-112:530:98//Hs.129937:AB007931
- F-NT2RM2001730//Homo sapiens mRNA for KIAA0560 protein, complete cds//0.95:269:58//Hs.129952:AB011132
- 5 F-NT2RM2001743
- F-NT2RM2001753//Human AF-6 mRNA, complete cds//0.095:350:59//Hs.100469:AB011399
- F-NT2RM2001760//ESTs, Highly similar to PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT [Canis familiaris]//1.3e-17:181:75//Hs.131840:AI016073
- F-NT2RM2001768//ESTs//0.61:189:62//Hs.144847:AI222742
- 10 F-NT2RM2001771//Zinc finger protein 10 (KOX 1)//1.1e-66:669:71//Hs.2479:X78933
- F-NT2RM2001782//YY1 transcription factor//0.094:149:65//Hs.97496:M77698
- F-NT2RM2001784//ESTs//8.2e-31:190:92//Hs.144587:AI193595
- F-NT2RM2001785//Homo sapiens chromosome 11, BAC CIT-HSP-311e8 (BC269730) containing the hFEN1 gene//1.6e-48:476:74//Hs.132898:AC004770
- 15 F-NT2RM2001797//Human mRNA for KIAA0065 gene, partial cds//6.1e-66:481:72//Hs.70617:D31763
- F-NT2RM2001800//Human mRNA for transcriptional activator hSNF2b, complete cds//0.49:142:66//Hs.78202:U29175
- F-NT2RM2001803//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds//2.7e-179:827:99//Hs.31323:AF044195
- 20 F-NT2RM2001805//EST//1.0:45:80//Hs.159007:AI381341
- F-NT2RM2001813//EST//0.41:268:58//Hs.150031:AI292068
- F-NT2RM2001823//H.sapiens mRNA for 218kD Mi-2 protein//9.7e-21:554:60//Hs.74441:X86691
- F-NT2RM2001839//Homo sapiens calumein (Calu) mRNA, complete cds//1.2e-132:738:90//Hs.7753:AF013759
- F-NT2RM2001840//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.8e-58:329:86//Hs.113283:AF018080
- 25 F-NT2RM2001855//ADP-ribosylation factor 5//1.0:301:60//Hs.77541:M57567
- F-NT2RM2001867//ESTs, Weakly similar to ZK792.1 [C.elegans]//3.0e-28:421:66//Hs.8763:W30741
- F-NT2RM2001879//ESTs//6.3e-43:234:94//Hs.122546:AA186723
- F-NT2RM2001886//Homo sapiens mRNA for KIAA0710 protein, complete cds//6.1e-189:866:97//Hs.4198:AB014610
- 30 F-NT2RM2001896//Homo sapiens mRNA for JM23 protein, complete coding sequence (clone IMAGE 34581 and IMAGE 45355 and LLNLc1101133Q7 (RZPD Berlin))//3.0e-13:606:57//Hs.23170:AJ005892
- F-NT2RM2001903//Homo sapiens mRNA for KIAA0462 protein, partial cds//9.4e-178:859:97//Hs.129937:AB007931
- F-NT2RM2001930//Homo sapiens semaphorin F homolog mRNA, complete cds//4.2e-08:481:59//Hs.27621:U52840
- 35 F-NT2RM2001935//ESTs, Highly similar to MULTIDRUG RESISTANCE PROTEIN HOMOLOG 50 [Drosophila melanogaster]//0.37:424:60//Hs.118634:U66688
- F-NT2RM2001936//Homo sapiens clone 614 unknown mRNA, complete sequence//2.2e-139:653:98//Hs.21811:AF091080
- 40 F-NT2RM2001950//ESTs//0.12:91:76//Hs.107295:W80392
- F-NT2RM2001982
- F-NT2RM2001983//Homo sapiens Tax interaction protein 2 mRNA, partial cds//1.2e-21:123:98//Hs.6454:AF089816
- F-NT2RM2001989//Homo sapiens mRNA for DRIM protein//0.71:319:59//Hs.104135:AJ006778
- 45 F-NT2RM2001997//ESTs//1.7e-25:135:100//Hs.126894:AA932538
- F-NT2RM2001998//ESTs, Weakly similar to Mi-2 protein [H.sapiens]//0.99:271:60//Hs.63888:AA203398
- F-NT2RM2002004//Homo sapiens mRNA for KIAA0731 protein, partial cds//3.5e-37:509:65//Hs.6214:AB018274
- F-NT2RM2002014//Homo sapiens mRNA for CRM1 protein, complete cds//0.79:429:58//Hs.79090:D89729
- F-NT2RM2002030//Glutamine-fructose-6-phosphate transaminase//9.0e-89:822:73//Hs.1674:M90516
- 50 F-NT2RM2002049//ESTs//0.99:109:71//Hs.19303:AA928427
- F-NT2RM2002055//ESTs//1.1e-91:453:98//Hs.158370:AI382154
- F-NT2RM2002088//ESTs//6.1e-75:302:96//Hs.153471:AI198377
- F-NT2RM2002091//RYANODINE RECEPTOR, SKELETAL MUSCLE//0.69:293:58//Hs.89631:U48508
- F-NT2RM2002100//Homo sapiens mRNA for ATP-dependent RNA helicase, partial//2.5e-165:776:98//Hs.99423:AJ010840
- 55 F-NT2RM2002109//Homo sapiens glioma amplified on chromosome 1 protein (GAC1) mRNA, complete cds//7.6e-145:684:98//Hs.26312:AF030435
- F-NT2RM2002128

F-NT2RM2002142//ESTs//0.0031:183:66//Hs.144505:AA757274
 F-NT2RM2002145//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds//1.4e-144:800:92//Hs.20815:AF084928
 F-NT2RM2002178//Homo sapiens mRNA for KIAA0467 protein, partial cds//1.7e-165:787:97//Hs.11147:AB007936
 5 F-NT2RM2002580//Keratin 10 (epidermolytic hyperkeratosis; keratosis palmaris et plantaris)//0.064:291:61//Hs.99936:X14487
 F-NT2RM4000024//RNA polymerase II polypeptide B (140 kD)//8.0e-10:610:59//Hs.148027:X63563
 F-NT2RM4000027//ESTs//1.6e-64:352:94//Hs.21331:H93074
 10 F-NT2RM4000030//ESTs//1.0:115:63//Hs.131055:AI391464
 F-NT2RM4000046//ESTs//2.6e-09:207:65//Hs.143533:AI094674
 F-NT2RM4000061//ESTs//0.89:207:60//Hs.98445:AI038511
 F-NT2RM4000085//ESTs, Weakly similar to The KIAA0134 gene product is related to human RNA helicase A. [H.sapiens]//1.6e-30:369:70//Hs.114623:AI204280
 15 F-NT2RM4000086
 F-NT2RM4000104//Homo sapiens chromosome 16 zinc finger protein ZNF210 (ZNF210) mRNA, complete cds//1.3e-24:345:69//Hs.13128:AF060865
 F-NT2RM4000139
 F-NT2RM4000155
 20 F-NT2RM4000156//ESTs//5.9e-73:345:100//Hs.155958:AA573632
 F-NT2RM4000167//Homo sapiens kinesin family member protein KIF3A mRNA, complete cds//9.8e-30:676:61//Hs.159228:AF041853
 F-NT2RM4000169//ESTs//2.0e-103:483:99//Hs.43729:AA497044
 F-NT2RM4000191//TRICHOHYALIN//0.011:324:60//Hs.82276:L09190
 25 F-NT2RM4000197//ESTs//1.5e-48:311:88//Hs.136144:W27744
 F-NT2RM4000199//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//0.13:322:61//Hs.145088:AI221147
 F-NT2RM4000200
 F-NT2RM4000202//Homo sapiens mRNA for KIAA0288 gene, complete cds//0.0027:424:60//Hs.91400:AB006626
 30 F-NT2RM4000210//Homo sapiens mRNA for KIAA0712 protein, complete cds//4.4e-184:856:98//Hs.111138:AB018255
 F-NT2RM4000215//SET translocation (myeloid leukemia-associated)//0.0013:358:60//Hs.75055:M93651
 F-NT2RM4000229//Homo sapiens mRNA for KIAA0722 protein, complete cds//0.65:572:60//Hs.47061:AF045458
 35 F-NT2RM4000233//ESTs//2.0e-37:269:85//Hs.148873:T33582
 F-NT2RM4000244//EST//0.83:319:57//Hs.162412:AA573439
 F-NT2RM4000251//ESTs, Weakly similar to CUT1 PROTEIN [Schizosaccharomyces pombe]//1.1e-16:112:92//Hs.93841:AA442297
 F-NT2RM4000265//Homo sapiens mRNA for alpha(1,2)fucosyltransferase, complete cds//1.8e-48:229:83//Hs.46328:D87942
 40 F-NT2RM4000290//Human transducin-like enhancer protein (TLE3) mRNA, complete cds//2.5e-154:609:93//Hs.31305:M99438
 F-NT2RM4000324//Homo sapiens hCPE-R mRNA for CPE-receptor, complete cds//0.070:460:59//Hs.5372:AB000712
 45 F-NT2RM4000327//ESTs//0.019:269:60//Hs.153697:AI240707
 F-NT2RM4000344//ESTs, Highly similar to YME1 PROTEIN [Saccharomyces cerevisiae]//2.7e-83:432:95//Hs.12796:W27884
 F-NT2RM4000349//Human mRNA for KIAA0005 gene, complete cds//5.2e-53:666:68//Hs.155291:D13630
 F-NT2RM4000354//ESTs, Weakly similar to lethal(2)denticleless [D.melanogaster]//0.0078:55:92//Hs.59075:M023761
 50 F-NT2RM4000356//ESTs//1.0:225:60//Hs.161175:AI418425
 F-NT2RM4000366//Homo sapiens mRNA for KIAA0642 protein, partial cds//5.3e-135:628:99//Hs.8152:AB014542
 F-NT2RM4000368//ESTs//4.9e-13:323:63//Hs.143695:AA662745
 F-NT2RM4000386//Human DNA sequence from clone 1052M9 on chromosome Xq25. Contains the SH2D1A gene for SH2 domain protein 1A, Duncan's disease (lymphoproliferative syndrome) (DSHP), part of a 60S Acidic Ribosomal protein 1 (RPLP1) LIKE gene and part of a mouse DOC4 LIKE gene. Contains ESTs and GSSs//2.0e-72:843:68//Hs.23796:AL022718
 55 F-NT2RM4000395//Nitric oxide synthase 2A (inducible, hepatocytes)//0.63:166:65//Hs.946:X73029

F-NT2RM4000414//Homo sapiens XYLB mRNA for xylulokinase, complete cds//4.9e-17:114:94//Hs.137580:AB015046
 F-NT2RM4000421
 F-NT2RM4000425//Homo sapiens mRNA for KIAA0594 protein, partial cds//1.1e-42:432:74//Hs.154872:AB011166
 5 F-NT2RM4000433//Colony stimulating factor 3 receptor (granulocyte)//0.023:543:58//Hs.2175:M59820
 F-NT2RM4000457
 F-NT2RM4000471//Human transcriptional corepressor hKAP1/TIF1B mRNA, complete cds//0.060:178:631//Hs.66369:U95040
 10 F-NT2RM4000486//ESTs//9.2e-48:237:99//Hs.160685:AI280004
 F-NT2RM4000496//ESTs//0.069:252:61//Hs.155958:AA573632
 F-NT2RM4000511//EST//0.92:191:58//Hs.61517:AA028915
 F-NT2RM4000514
 F-NT2RM4000515//ESTs//7.3e-93:450:98//Hs.120975:AA034409
 15 F-NT2RM4000520//ESTs//0.13:183:65//Hs.144828:AI221305
 F-NT2RM4000531//ESTs, Highly similar to ZINC FINGER PROTEIN MLZ-4 [Mus musculus]//1.8e-153:756:96//Hs.125870:AI364967
 F-NT2RM4000532//ESTs//7.7e-43:388:78//Hs.105665:H78987
 F-NT2RM4000534
 20 F-NT2RM4000585
 F-NT2RM4000590//Homo sapiens mRNA for KIAA0469 protein, complete cds//1.2e-19:593:62//Hs.7764:AB007938
 F-NT2RM4000595//ESTs, Highly similar to HYPOTHETICAL 54.9 KD PROTEIN C02F5.7 IN CHROMOSOME III [Caenorhabditis elegans]//3.1e-104:532:96//Hs.6092:T75227
 25 F-NT2RM4000603//Human mRNA for KIAA0392 gene, partial cds//1.7e-15:305:68//Hs.40100:AB002390
 F-NT2RM4000611//EST//0.76:268:58//Hs.150031:AI292068
 F-NT2RM4000616
 F-NT2RM4000674
 F-NT2RM4000689
 30 F-NT2RM4000698//Apolipoprotein E//1.0:290:59//Hs.76260:M12529
 F-NT2RM4000700
 F-NT2RM4000712//Homo sapiens ubiquitin hydrolyzing enzyme I (UBH1) mRNA, partial cds//3.5e-91:744:77//Hs.42400:AF022789
 F-NT2RM4000717//ESTs, Highly similar to BONE MORPHOGENETIC PROTEIN 1 PRECURSOR [Mus musculus]//2.6e-163:771:97//Hs.6823:W18181
 35 F-NT2RM4000733//PUTATIVE TACHYKININ RECEPTOR//0.70:257:60//Hs.957:M84605
 F-NT2RM4000734//Homo sapiens mRNA for KIAA0760 protein, partial cds//1.2e-159:743:98//Hs.137168:AB018303
 F-NT2RM4000741
 40 F-NT2RM4000751//ESTs, Highly similar to ZINC FINGER PROTEIN MLZ-4 [Mus musculus]//1.1e-75:388:96//Hs.112361:R99396
 F-NT2RM4000764//ESTs//3.8e-104:539:95//Hs.24739:H67815
 F-NT2RM4000778//ESTs//1.5e-85:419:97//Hs.99838:AA204731
 F-NT2RM4000779//Homo sapiens mRNA for KIAA0451 protein, complete cds//1.8e-173:810:98//Hs.18586:AB007920
 45 F-NT2RM4000787//EST//0.011:182:65//Hs.159928:AA969186
 F-NT2RM4000790//Homo sapiens chromosome 19, cosmid R27216//4.5e-156:736:98//Hs.25817:AC005306
 F-NT2RM4000795//ESTs, Highly Similar to LIVER CARBOXYLESTERASE PRECURSOR [Homo sapiens]//6.7e-19:160:80//Hs.124902:AI337820
 50 F-NT2RM4000796//Human K⁺ channel subunit gene, complete cds//0.96:292:62//Hs.124212:M64676
 F-NT2RM4000798//ESTs//1.9e-34:271:82//Hs.128203:AA972301
 F-NT2RM4000813//Homo sapiens snRNA activating protein complex 190kD subunit (SNAP190) mRNA, complete cds//0.052:238:64//Hs.113265:AF032387
 F-NT2RM4000820//ESTs//0.053:274:61//Hs.23748:H16568
 55 F-NT2RM4000833
 F-NT2RM4000848//Human mRNA for KIAA0324 gene, partial cds//0.97:374:61//Hs.7841:AB002322
 F-NT2RM4000852//EST//1.0:222:60//Hs.120354:AA718934
 F-NT2RM4000855//ESTs, Highly similar to RAS-RELATED C3 BOTULINUM TOXIN SUBSTRATE 2 [Homo sapiens]

ens//4.4e-29:164:95//Hs.115095:AI392943
 F-NT2RM4000887
 F-NT2RM4000895//Homo sapiens HuUAP1 mRNA for UDP-N-acetylglucosamine pyrophosphorylase, complete
 cds//6.8e-22:407:64//Hs.21293:AB011004
 5 F-NT2RM4000950
 F-NT2RM4000971//ESTs//3.6e-27:142:100//Hs.130912:AI014546
 F-NT2RM4000979//Homo sapiens KIAA0415 mRNA, complete cds//3.7e-63:571:77//Hs.7289:AB007875
 F-NT2RM4000996//Zinc finger protein 3 (A8-51)//8.7e-34:381:67//Hs.2481:X78926
 F-NT2RM4001002//Homo sapiens mRNA for KIAA0729 protein, partial cds//1.6e-171:803:98//Hs.19542:
 10 AB018272
 F-NT2RM4001016//Homo sapiens mRNA for KIAA0639 protein, partial cds//1.1e-126:584:99//Hs.15711:
 AB014539
 F-NT2RM4001032//Homo sapiens mRNA for KIAA0711 protein, complete cds//4.8e-05:469:58//Hs.5333:
 AB018254
 15 F-NT2RM4001047//ESTs, Moderately similar to MO25 PROTEIN [M.musculus]//7.0e-56:340:92//Hs.87310:
 AI247543
 F-NT2RM4001054//HIGH AFFINITY IMMUNOGLOBULIN GAMMA FC RECEPTOR I "A FORM" PRECURSOR//
 0.79:142:69//Hs.77424:M63835
 F-NT2RM4001084
 20 F-NT2RM4001092//Human mRNA for KIAA0050 gene, complete cds//0.045:235:62//Hs.108947:D30758
 F-NT2RM4001116
 F-NT2RM4001140//Human engrailed protein (EN2) gene, 5' end//0.00029:225:61//Hs.134989:L12701
 F-NT2RM4001151//ESTs//1.1e-07:190:65//Hs.151691:AA443730
 F-NT2RM4001155//ESTs//2.2e-12:181:74//Hs.128826:AI004145
 25 F-NT2RM4001160//EST//0.83:166:61//Hs.117051:AA677351
 F-NT2RM4001187
 F-NT2RM4001191//ESTs//1.3e-42:248:93//Hs.13475:R18220
 F-NT2RM4001200//Zinc finger protein 10 (KOX 1)//4.0e-68:799:69//Hs.2479:X78933
 F-NT2RM4001203//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds//1.4e-153:707:99//Hs.
 30 14934:AF004828
 F-NT2RM4001204//ESTs, Moderately similar to HYPOTHETICAL 59.1 KD PROTEIN ZK637.1 IN CHROMOSOME
 III [Caenorhabditis elegans]//0.19:291:62//Hs.31582:AA877205
 F-NT2RM4001217//Homo sapiens nuclear matrix protein NRP/B (NRPB) mRNA, complete cds//7.0e-63:715:70//
 Hs.104925:AF059611
 35 F-NT2RM4001256//ESTs, Weakly similar to probable CBP3 protein homolog [C.elegans]//1.1e-67:208:96//Hs.
 26676:AA033997
 F-NT2RM4001258//Homo sapiens mRNA for KIAA0481 protein, complete cds//0.0019:435:59//Hs.6360:
 AB007950
 F-NT2RM4001309//Human Chromosome 16 BAC clone CIT987SK-254P9//0.019:356:59//Hs.26971:AC003003
 40 F-NT2RM4001313//H.sapiens mRNA for phosphatidylinositol 3-kinase//8.0e-79:474:89//Hs.32971:Z46973
 F-NT2RM4001316//ESTs//1.2e-14:126:84//Hs.154344:AA258335
 F-NT2RM4001320//Human mRNA for Neuroblastoma, complete cds//3.6e-43:642:66//Hs.87435:D89016
 F-NT2RM4001340//EST//0.40:135:70//Hs.161198:AI418988
 F-NT2RM4001344//ESTs, Highly similar to HYPOTHETICAL GTP-BINDING PROTEIN IN PMI40-PAC2 INTER-
 45 GENIC REGION [Saccharomyces cerevisiae]//0.0096:284:58//Hs.120997:R56714
 F-NT2RM4001347//ESTs, Weakly similar to weakly similar to ANK repeat region of Fowlpox virus BamHI-orf7
 protein [C.elegans]//3.7e-52:252:100//Hs.15301:AA167818
 F-NT2RM4001371//EST//0.52:262:59//Hs.145991:AI277656
 F-NT2RM4001382//Homo sapiens RanBP7/importin 7 mRNA, complete cds//7.2e-169:790:98//Hs.5151:
 50 AF098799
 F-NT2RM4001384
 F-NT2RM4001410//ESTs//1.1e-47:290:91//Hs.72447:AA160575
 F-NT2RM4001411//Homo sapiens mRNA for APS, complete cds//2.5e-23:475:64//Hs.105052:AB000520
 F-NT2RM4001412
 55 F-NT2RM4001414//ESTs, Moderately similar to 18547_1 [H.sapiens]//5.2e-18:133:87//Hs.28209:AI073817
 F-NT2RM4001437//Human mRNA for KIAA0118 gene, partial cds//2.5e-42:611:70//Hs.154326:D42087
 F-NT2RM4001444
 F-NT2RM4001454//ESTs//3.9e-31:169:96//Hs.117982:AA644658

F-NT2RM4001455//ESTs//0.0054:48:100//Hs.14920:AA910914
 F-NT2RM4001483//ESTs, Weakly similar to ZINC FINGER PROTEIN ZFP-36 [H.sapiens]//1.1e-71:313:99//Hs.163754:AA587784
 5 F-NT2RM4001489//Homo sapiens mRNA for KIAA0685 protein, complete cds//3.9e-157:724:99//Hs.153121:AB014585
 F-NT2RM4001519//ESTs//0.66:264:59//Hs.139891:AA553619
 F-NT2RM4001522//ESTs, Weakly similar to D9481.12 gene product [S.cerevisiae]//1.3e-114:536:99//Hs.88820:AA456247
 F-NT2RM4001557
 10 F-NT2RM4001565//ESTs//1.7e-107:509:99//Hs.146139:AA731487
 F-NT2RM4001566//Human phosphatidylinositol 3-kinase catalytic subunit p110delta mRNA, complete cds//1.0:255:60//Hs.14207:U86453
 F-NT2RM4001569//ESTs//1.4e-86:417:98//Hs.153044:AI198859
 F-NT2RM4001582
 15 F-NT2RM4001592//EST//0.61:142:64//Hs.162900:AA664566
 F-NT2RM4001594//Homo sapiens mRNA for KIAA0522 protein, partial cds//0.0072:484:60//Hs.129892:AB011094
 F-NT2RM4001597//ESTs, Moderately similar to red-1 [M.musculus]//2.3e-72:387:95//Hs.114722:AA448077
 F-NT2RM4001605//Homo sapiens mRNA for KIAA0791 protein, complete cds//1.1e-163:750:99//Hs.23255:AB018334
 20 F-NT2RM4001611//ESTs, Weakly similar to F25H9.6 [C.elegans]//8.6e-05:91:79//Hs.24647:W19739
 F-NT2RM4001629//ESTs, Moderately similar to 55 KD ERYTHROCYTE MEMBRANE PROTEIN [Homo sapiens]//0.0042:153:68//Hs.114832:AI147946
 F-NT2RM4001650//Human mRNA for KIAA0341 gene, partial cds//0.95:328:60//Hs.101761:AB002339
 25 F-NT2RM4001662//Human mRNA for KIAA0322 gene, partial cds//8.3e-83:449:93//Hs.153685:AB002320
 F-NT2RM4001666//ESTs//2.1e-11:78:96//Hs.152446:AA555323
 F-NT2RM4001682//EST//0.027:145:70//Hs.133253:AI052638
 F-NT2RM4001710//ESTs//0.098:140:62//Hs.5796:AA767384
 F-NT2RM4001714//Human mRNA for KIAA0202 gene, partial cds//2.2e-86:748:74//Hs.80712:D86957
 30 F-NT2RM4001715//ESTs//1.3e-104:490:99//Hs.127336:AI332905
 F-NT2RM4001731//Human involucrin mRNA//0.23:432:59//Hs.157091:M13903
 F-NT2RM4001741//Human mRNA for KIAA0320 gene, partial cds//6.9e-80:737:73//Hs.150443:AB002318
 F-NT2RM4001746//H.sapiens NF-H gene, exon 1 (and joined CDS)//2.1e-07:418:61//Hs.75735:X15306
 F-NT2RM4001754//ESTs, Weakly similar to RETROVIRUS-RELATED POL POLYPROTEIN [Mus musculus]//2.0e-27:205:83//Hs.110601:AA206719
 35 F-NT2RM4001758//H.sapiens mRNA for serine/threonine protein kinase EMK//2.1e-86:729:75//Hs.157199:X97630
 F-NT2RM4001776//Homo sapiens mRNA for KIAA0727 protein, partial cds//7.4e-175:803:99//Hs.39871:AB018270
 40 F-NT2RM4001783//ESTs, Weakly similar to T12D8.i [C.elegans]//3.1e-71:376:95//Hs.108396:AA160677
 F-NT2RM4001810//Homo sapiens centrosomal Nek2-associated protein 1 (C-NAP1) mRNA, complete cds//0.99:446:58//Hs.27910:AF049105
 F-NT2RM4001813//Homo sapiens clone 24820 mRNA sequence//6.6e-14:249:70//Hs.146312:AF070547
 F-NT2RM4001819//Cell division cycle 2-like 1 (PITSLRE proteins)//1.4e-35:195:95//Hs.963:M37712
 45 F-NT2RM4001823//ESTs, Weakly similar to ZINC FINGER PROTEIN 91 [H.sapiens]//2.3e-40:252:90//Hs.119294:AI379442
 F-NT2RM4001828//Zinc finger protein 157 (HZF22)//1.8e-75:688:72//Hs.89897:U28687
 F-NT2RM4001836//NUCLEOBINDIN PRECURSOR//0.0022:588:59//Hs.953:M96824
 F-NT2RM4001841//ESTs//0.86:156:67//Hs.146276:AI214204
 50 F-NT2RM4001842//ESTs//0.20:191:62//Hs.107657:AA126814
 F-NT2RM4001856
 F-NT2RM4001858//Human putative cerebral cortex transcriptional regulator T-Brain-1 (Tbr-1) mRNA, complete cds//8.0e-10:244:66//Hs.22138:U49250
 F-NT2RM4001865//Homo sapiens mRNA for atopy related autoantigen CALC//2.3e-150:704:98//Hs.61628:Y17711
 55 F-NT2RM4001876//Human mRNA for KIAA0231 gene, partial cds//9.1e-44:621:66//Hs.7938:D86984
 F-NT2RM4001880
 F-NT2RM4001905//ESTs//7.5e-11:137:75//Hs.86950:AI204212

F-NT2RM4001922//ESTs//2.5e-51:291:93//Hs.26660:AI312633
 F-NT2RM4001930//Homo sapiens mRNA for putative glucosyltransferase, partial cds//0.98:359:57//Hs.155356:
 AJ224875
 F-NT2RM4001938
 5 F-NT2RM4001940//Homo sapiens timeless homolog mRNA, complete cds//3.6e-172:808:98//Hs.118631:
 AF098162
 F-NT2RM4001953//Human mRNA for KIAA0118 gene, partial cds//5.0e-54:362:83//Hs.154326:D42087
 F-NT2RM4001965//ESTs, Weakly similar to KIAA0157 gene product is novel. [H.sapiens]//1.8e-65:337:96//Hs.
 130135:AA905493
 10 F-NT2RM4001969//ESTs//0.00024:261:63//Hs.157579:AI312862
 F-NT2RM4001979//Homo sapiens mRNA for KIAA0798 protein, complete cds//3.2e-63:527:76//Hs.159277:
 AB018341
 F-NT2RM4001984//EST//7.1e-05:235:61//Hs.105444:AA508082
 F-NT2RM4001987//Homo sapiens mRNA for KIAA0467 protein, partial cds//0.73:181:65//Hs.11147:AB007936
 15 F-NT2RM4002013//ESTs//0.97:185:63//Hs.103345:AI302271
 F-NT2RM4002018//ESTs//2.5e-76:398:94//Hs.119544:T95601
 F-NT2RM4002034
 F-NT2RM4002044//ESTs//9.6e-83:410:97//Hs.128162:AA815048
 F-NT2RM4002054//EST//8.5e-12:176:71//Hs.137181:R56912
 20 F-NT2RM4002055//Homo sapiens mRNA for KIAA0640 protein, partial cds//3.3e-173:803:98//Hs.153026:
 AB014540
 F-NT2RM4002062//ESTs, Weakly similar to ASPARTYL-TRNA SYNTHETASE [Thermus aquaticus thermophilus]
 //7.0e-94:396:94//Hs.59346:AI126802
 F-NT2RM4002063
 25 F-NT2RM4002066//Homo sapiens OPA-containing protein mRNA, complete cds//1.1e-74:889:69//Hs.85313:
 AF071309
 F-NT2RM4002067//ESTs//2.3e-34:455:69//Hs.118273:AA626040
 F-NT2RM4002073//Insulin-like growth factor binding protein 2//3.2e-10:470:61//Hs.162:X16302
 F-NT2RM4002075//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//2.9e-24:588:61//Hs.
 30 122967:AF059569
 F-NT2RM4002093//Polypyrimidine tract binding protein (hnRNP I) {alternative products}//9.2e-34:532:65//Hs.
 146459:X66975
 F-NT2RM4002109//Homo sapiens mitotic centromere-associated kinesin mRNA, complete cds//0.99:408:62//Hs.
 69360:U63743
 35 F-NT2RM4002128//Homo sapiens mRNA for KIAA0642 protein, partial cds//0.93:202:63//Hs.8152:AB014542
 F-NT2RM4002140//Human p300 protein mRNA, complete cds//0.99:320:59//Hs.25272:U01877
 F-NT2RM4002145//CARBOXYPEPTIDASE N 83 KD CHAIN//2.7e-06:388:59//Hs.73858:J05158
 F-NT2RM4002146//ESTs, Highly similar to similar to mago nashi [H.sapiens]//1.6e-135:646:97//Hs.104650:
 AI037879
 40 F-NT2RM4002161//Homo sapiens laforin (EPM2A) mRNA, partial cds//1.4e-150:763:95//Hs.22464:AF084535
 F-NT2RM4002174
 F-NT2RM4002189//Mucin 2, intestinal/tracheal//0.087:298:61//Hs.315:L21998
 F-NT2RM4002194//Human semaphorin III family homolog mRNA, complete cds//7.3e-11:454:60//Hs.32981:
 U38276
 45 F-NT2RM4002205//EST//2.6e-21:270:71//Hs.120013:AA707454
 F-NT2RM4002213//Homo sapiens mRNA for KIAA0610 protein, partial cds//0.52:313:61//Hs.118087:AB011182
 F-NT2RM4002226//ESTs, Highly similar to GTPASE ACTIVATING PROTEIN ROTUND [Drosophila melanogaster]
 //8.4e-125:588:98//Hs.23900:U82984
 F-NT2RM4002251//ESTs//1.0:77:74//Hs.155135:AA910966
 50 F-NT2RM4002256//ESTs//7.5e-28:358:74//Hs.13356:AI205764
 F-NT2RM4002266//Human kinase Myt1 (Myt1) mRNA, complete cds//0.73:502:57//Hs.77783:AF014118
 F-NT2RM4002278//EST//0.33:138:63//Hs.144096:AI032180
 F-NT2RM4002281
 F-NT2RM4002287//ESTs//0.00037:55:98//Hs.11134:T62979
 55 F-NT2RM4002294//Human mRNA for KIAA0281 gene, complete cds//6.7e-50:511:72//Hs.31463:D87457
 F-NT2RM4002301
 F-NT2RM4002323//ESTs//3.6e-09:105:87//Hs.131737:AI343331
 F-NT2RM4002339

EP 1 074 617 A2

F-NT2RM4002344//EST//0.16:166:64//Hs.128600:AA906454
 F-NT2RM4002373//Homo sapiens mRNA for KIAA0649 protein, complete cds//9.1e-151:708:98//Hs.26163:AB014549
 F-NT2RM4002374//Homo sapiens mRNA for KIAA0720 protein, partial cds//0.0040:303:63//Hs.23741:AB018263
 5 F-NT2RM4002383//ESTs//8.0e-16:153:78//Hs.155243:N70293
 F-NT2RM4002390
 F-NT2RM4002398
 F-NT2RM4002409
 F-NT2RM4002438//ESTs, Weakly similar to probable CBP3 protein homolog [C.elegans]//1.1e-55:282:96//Hs.26676:AA033997
 10 F-NT2RM4002446//Homo sapiens clone 24574 mRNA sequence//0.59:339:60//Hs.18686:AF052151
 F-NT2RM4002452
 F-NT2RM4002457//Homo sapiens mRNA for epiregulin, complete cds//3.2e-25:228:81//Hs.115263:D30783
 F-NT2RM4002460//EST//1.0:142:65//Hs.145370:AI252780
 15 F-NT2RM4002479//Homo sapiens RNA helicase-related protein mRNA, complete cds//8.9e-165:777:98//Hs.8765:AF083255
 F-NT2RM4002482//Homo sapiens mRNA for KIAA0691 protein, complete cds//7.3e-95:464:97//Hs.94781:AB014591
 F-NT2RM4002493
 20 F-NT2RM4002499//ESTs//1.3e-44:653:67//Hs.23790:N99347
 F-NT2RM4002504//Small inducible cytokine A5 (RANTES)//4.3e-30:225:83//Hs.155464:AF088219
 F-NT2RM4002527//Human pre-B cell enhancing factor (PBEF) mRNA, complete cds//0.99:290:60//Hs.154968:U02020
 F-NT2RM4002532//Human mRNA for KIAA0238 gene, partial cds//1.0:232:61//Hs.82042:D87075
 25 F-NT2RM4002534//Homo sapiens angiotensin/vasopressin receptor AII/AVP mRNA, complete cds//1.0:100:70//Hs.159483:AF054176
 F-NT2RM4002558//Homo sapiens amphiphysin II mRNA, complete cds//0.17:393:61//Hs.6619:U84004
 F-NT2RM4002565//Homo sapiens mRNA for Asparaginyl tRNA Synthetase, complete cds//1.0:226:60//Hs.84043:D84273
 30 F-NT2RM4002567//ESTs, Weakly similar to C17G10.1 [C.elegans]//3.3e-88:484:93//Hs.105837:AA536054
 F-NT2RM4002571//ESTs, Weakly similar to UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase [H.sapiens]//0.059:121:70//Hs.155413:AA429394
 F-NT2RM4002593//ESTs//1.0e-15:103:95//Hs.108920:W28151
 F-NT2RM4002594//Homo sapiens 26S proteasome regulatory subunit (SUG2) mRNA, complete cds//1.0e-06:499:59//Hs.79357:D78275
 35 F-NT2RM4002623//ESTs//1.2e-11:92:92//Hs.164046:T97402
 F-NT2RP1000018//Homo sapiens mRNA for KIAA0687 protein, partial cds//2.0e-102:746:81//Hs.3628:AB014587
 F-NT2RP1000035//Homo sapiens mRNA for NS1-binding protein (NS1-BP)//3.7e-155:747:96//Hs.159597:AJ012449
 40 F-NT2RP1000040//ESTs//1.3e-58:338:92//Hs.17534:H16907
 F-NT2RP1000063//ESTs//0.0013:72:83//Hs.108196:W81647
 F-NT2RP1000086//Human mRNA for KIAA0360 gene, partial cds//5.4e-185:548:91//Hs.79971:X98834
 F-NT2RP1000101//Homo sapiens hook2 protein (HOOK2) mRNA, complete cds//0.33:247:61//Hs.30792:AF044924
 45 F-NT2RP1000111
 F-NT2RP1000112//TTK protein kinase//3.2e-40:324:81//Hs.2052:M86699
 F-NT2RP1000124//ESTs//2.4e-42:268:89//Hs.146078:AI084025
 F-NT2RP1000130//ESTs, Moderately similar to HEPATOMA-DERIVED GROWTH FACTOR [H.sapiens]//1.4e-71:382:94//Hs.127842:W38901
 50 F-NT2RP1000163//Homo sapiens cell cycle progression 2 protein (CPR2) mRNA, complete cds//2.1e-06:77:90//Hs.3760:AF011792
 F-NT2RP1000170//EST//0.68:130:63//Hs.146994:AI184430
 F-NT2RP1000174//Homo sapiens clone 24432 mRNA sequence//8.3e-140:679:97//Hs.78019:AF070535
 F-NT2RP1000191//ESTs//1.3e-71:405:93//Hs.24054:N46499
 55 F-NT2RP1000202//H.sapiens mRNA for cytokine inducible nuclear protein//2.0e-05:591:58//Hs.74019:X83703
 F-NT2RP1000243
 F-NT2RP1000259
 F-NT2RP1000272//Homo sapiens TLS-associated protein TASR-2 mRNA, complete cds//5.4e-109:528:97//Hs.

- 4214:AF067730
 F-NT2RP1000324//ESTs//3.4e-98:499:96//Hs.42530:N41661
 F-NT2RP1000326//Homo sapiens metaxin 2 (MTX2) mRNA, nuclear gene encoding mitochondrial protein, complete cds//1.3e-148:693:98//Hs.31584:AF053551
 5 F-NT2RP1000333//Homo sapiens monocyte/macrophage Ig-related receptor MIR-10 (MIR cl-10) mRNA, complete cds//0.28:328:60//Hs.22405:AF004231
 F-NT2RP1000348//Human plectin (PLEC1) mRNA, complete cds//0.018:337:62//Hs.79706:U53204
 F-NT2RP1000357
 F-NT2RP1000358//DYNAMIN-1//0.96:273:59//Hs.126:L07807
 10 F-NT2RP1000363//Homo sapiens mRNA for KIAA0638 protein, partial cds//3.2e-126:497:86//Hs.77864:AB014538
 F-NT2RP1000376//Homo sapiens calcium-independent phospholipase A2 mRNA, complete cds//5.9e-178:877:96//Hs.120360:AF064594
 F-NT2RP1000409//ESTs//5.4e-59:415:83//Hs.140578:AA828031
 15 F-NT2RP1000413//Homo sapiens mRNA for KIAA0587 protein, complete cds//3.0e-179:710:98//Hs.21862:AB011159
 F-NT2RP1000416//ESTs, Highly similar to BONE MORPHOGENETIC PROTEIN 1 PRECURSOR [Mus musculus] //7.3e-177:857:97//Hs.6823:W18181
 F-NT2RP1000418//Homo sapiens calcium-activated potassium channel (KCNN3) mRNA, complete cds//0.46:222:60//Hs.89230:AF031815
 20 F-NT2RP1000439//EST//0.98:339:56//Hs.137377:AA101603
 F-NT2RP1000443//Human SLP-76 associated protein mRNA, complete cds//1.0:356:59//Hs.58435:AF001862
 F-NT2RP1000460
 F-NT2RP1000470//Human DNA from chromosome 19-specific cosmid R27090, genomic sequence//3.7e-134:665:96//Hs.143187:AC002985
 25 F-NT2RP1000478//Human beta-tubulin class III isotype (beta-3) mRNA, complete cds//6.2e-57:440:80//Hs.159154:U47634
 F-NT2RP1000481//ESTs//4.8e-21:154:87//Hs.17392:AA535102
 F-NT2RP1000493
 30 F-NT2RP1000513//ESTs//2.2e-71:409:91//Hs.121029:AA480977
 F-NT2RP1000522//Homo sapiens clone DT1P1A11 mRNA, CAG repeat region//0.21:255:62//Hs.98834:U92992
 F-NT2RP1000547//H.sapiens mRNA for transmembrane protein mp24//1.9e-06:337:63//Hs.75914:X92098
 F-NT2RP1000574//Homo sapiens homeobox protein MEIS2 (MEIS2) mRNA, partial cds//1.4e-82:295:92//Hs.104105:AF017418
 35 F-NT2RP1000577//Human sialoprotein mRNA, complete cds//0.014:235:65//Hs.121552:J05213
 F-NT2RP1000581//VON WILLEBRAND FACTOR PRECURSOR//1.6e-33:223:89//Hs.110802:X04385
 F-NT2RP1000609//Homo sapiens chromosome 11, BAC CIT-HSP-311e8 (BC269730) containing the hFEN1 gene//2.2e-49:506:73//Hs.132898:AC004770
 F-NT2RP1000629//Human clathrin assembly protein 50 (AP50) mRNA, complete cds//3.6e-19:556:62//Hs.152936:D63475
 40 F-NT2RP1000630
 F-NT2RP1000677//Human breast tumor autoantigen mRNA, complete sequence//2.4e-05:389:59//Hs.3844:U24576
 F-NT2RP1000688//ESTs, Weakly similar to T06E6.d [C.elegans]//2.5e-43:232:95//Hs.3487:AA425553
 45 F-NT2RP1000695//ESTs, Weakly similar to C27F2.7 gene product [C.elegans]//9.2e-53:312:90//Hs.7049:AI141736
 F-NT2RP1000701//Myogenic factor 3//0.81:186:63//Hs.2834:AF027148
 F-NT2RP1000721//Homo sapiens mRNA for repressor protein, partial cds//4.0e-33:278:78//Hs.58167:D30612
 F-NT2RP1000730//ESTs, Weakly similar to putative p150 [H.sapiens]//6.2e-40:297:84//Hs.18122:AI338045
 50 F-NT2RP1000733//G1 to S phase transition 1//1.4e-31:286:78//Hs.2707:X17644
 F-NT2RP1000738//Homo sapiens Wolf-Hirschhorn syndrome candidate 2 protein (WHSC2) mRNA, complete cds//2.6e-123:604:96//Hs.21771:AF101434
 F-NT2RP1000746
 F-NT2RP1000767
 55 F-NT2RP1000782//Human globin gene//3.6e-21:140:91//Hs.100090:M69023
 F-NT2RP1000796//H.sapiens mRNA for ROX protein//0.17:404:57//Hs.25497:X96401
 F-NT2RP1000825//Human DNA sequence from PAC 127B20 on chromosome 22q11.2-qter, contains gene for GTPase-activating protein similar to rhoGAP protein. ribosomal protein L6 pseudogene, ESTs and CA repeat//

2.7e-23:147:91//Hs.102336:Z83838
 F-NT2RP1000833//Homo sapiens cGMP phosphodiesterase A1 (PDE9A) mRNA, complete cds//5.4e-143:424:96//Hs.18953:AF067223
 F-NT2RP1000834//ESTs//0.18:280:60//Hs.157215:AI332903
 5 F-NT2RP1000836//EST//0.60:103:66//Hs.145708:AI267990
 F-NT2RP1000846//EST//1.2e-15:322:65//Hs.149925:AI288838
 F-NT2RP1000851//ESTs//6.1e-96:459:98//Hs.121586:AA423875
 F-NT2RP1000856//Human globin gene//6.7e-22:140:91//Hs.100090:M69023
 F-NT2RP1000860//Homo sapiens KL04P mRNA, complete cds//2.2e-107:551:95//Hs.125156:AF064094
 10 F-NT2RP1000902//EST//1.8e-28:218:85//Hs.145258:AI218683
 F-NT2RP1000915//ESTs//8.8e-11:102:81//Hs.163740:AI248847
 F-NT2RP1000916//ESTs, Weakly similar to coded for by C. elegans cDNA cm04e9 [C.elegans]//2.2e-27:159:94//Hs.122153:AA780270
 F-NT2RP1000943//Human hSIAH2 mRNA, complete cds//0.45:130:68//Hs.20191:U76248
 15 F-NT2RP1000944//EST//0.99:116:63//Hs.116633:AA668400
 F-NT2RP1000947//Human E2 ubiquitin conjugating enzyme Ubch5B (UBCH5B) mRNA, complete cds//2.7e-26:185:87//Hs.108332:U39317
 F-NT2RP1000954//Homo sapiens BACH1 mRNA, complete cds//0.81:329:56//Hs.154276:AB002803
 F-NT2RP1000958//ESTs//1.3e-20:129:92//Hs.163740:AI248847
 20 F-NT2RP1000959//Ribosomal protein, large, P0//0.36:76:73//Hs.73742:M17885
 F-NT2RP1000966//NUCLEOLIN//1.2e-72:353:98//Hs.79110:M60858
 F-NT2RP1000980//ESTs//1.6e-109:555:96//Hs.84429:N28866
 F-NT2RP1000988//Human chromosome 3p21.1 gene sequence//2.6e-73:665:80//Hs.82837:L13435
 F-NT2RP1001011
 25 F-NT2RP1001013//ESTs//3.4e-40:393:74//Hs.120206:AI089163
 F-NT2RP1001014
 F-NT2RP1001033//Tubulin, gamma polypeptide//0.00041:313:59//Hs.150785:M61764
 F-NT2RP1001073//Glucocorticoid receptor//1.0:204:61//Hs.75772:M10901
 F-NT2RP1001079//ESTs//1.0:174:62//Hs.158209:AI360531
 30 F-NT2RP1001080//Homo sapiens forkhead protein (FKHRL1) mRNA, complete cds//0.57:215:64//Hs.14845:AF032886
 F-NT2RP1001113//ESTs, Weakly similar to coded for by C. elegans cDNA CEESB82F [C.elegans]//1.4e-65:293:95//Hs.32751:H38087
 F-NT2RP1001173
 35 F-NT2RP1001177//Homo sapiens histone macroH2A1.2 mRNA, complete cds//6.1e-26:259:74//Hs.75258:AF054174
 F-NT2RP1001185//EST//1.4e-27:266:77//Hs.122245:AA781524
 F-NT2RP1001199//ESTs//0.97:75:73//Hs.131498:AI022150
 F-NT2RP1001247//Human endometrial bleeding associated factor mRNA, complete cds//1.6e-19:120:95//Hs.25195:U81523
 40 F-NT2RP1001248//ESTs//3.0e-21:143:93//Hs.157243:AI337094
 F-NT2RP1001253//PUTATIVE GLUCOSAMINE-6-PHOSPHATE ISOMERASE//1.2e-89:344:93//Hs.3090:AJ002231
 F-NT2RP1001286//H.sapiens mRNA for adenosine triphosphatase, calcium//0.026:392:57//Hs.5541:Y15724
 45 F-NT2RP1001294
 F-NT2RP1001302
 F-NT2RP1001310//Homo sapiens creatine transporter mRNA, complete cds//3.6e-07:379:61//Hs.154503:U36341
 F-NT2RP1001311//ESTs//9.5e-73:403:93//Hs.24739:H67815
 F-NT2RP1001313//Homo sapiens chromosome 11, BAC CIT-HSP-311e8 (BC269730) containing the hFEN1 gene//3.1e-87:437:97//Hs.132898:AC004770
 50 F-NT2RP1001361//ESTs, Highly similar to NADH-UBIQUINONE OXIDOREDUCTASE SUBUNIT B14.5B [Bos taurus]//6.8e-101:480:94//Hs.75017:AA166853
 F-NT2RP1001385//EST//0.86:127:65//Hs.156304:AI336859
 F-NT2RP1001395//Homo sapiens stannin mRNA, complete cds//0.75:355:58//Hs.76691:AF070673
 55 F-NT2RP1001410//Thromboxane A2 receptor//1.0:157:63//Hs.89887:D38081
 F-NT2RP1001424//ESTs//5.3e-20:118:95//Hs.159792:R60700
 F-NT2RP1001432//ESTs//5.3e-20:118:95//Hs.159792:R60700
 F-NT2RP1001449//Homo sapiens clone 24733 mRNA sequence//5.7e-86:422:97//Hs.21970:AF052149

F-NT2RP1001457//H.sapiens DAP-kinase mRNA//0.40:231:61//Hs.153924:X76104
 F-NT2RP1001466
 F-NT2RP1001475//ESTs//1.2e-98:495:97//Hs.14347:AA287742
 F-NT2RP1001482
 5 F-NT2RP1001494
 F-NT2RP1001543//ESTs//1.2e-38:207:98//Hs.131063:AI016400
 F-NT2RP1001546//Homo sapiens mRNA for DAP-1 beta, complete cds//0.00077:254:64//Hs.75814:AB000277
 F-NT2RP1001569
 F-NT2RP1001616//Homo sapiens Tax interaction protein 1 mRNA, partial cds//2.5e-41:496:74//Hs.12956:U90913
 10 F-NT2RP1001665//ESTs//9.4e-58:311:96//Hs.127391:AA954420
 F-NT2RP2000001//Homo sapiens clone 617 unknown mRNA, complete sequence//4.7e-137:685:96//Hs.93677:AF091081
 F-NT2RP2000006//ESTs, Weakly similar to B0035.14 [C.elegans]//8.2e-47:300:89//Hs.6473:AA853955
 F-NT2RP2000007//Human mRNA for KIAA0392 gene, partial cds//1.1e-15:241:68//Hs.40100:AB002390
 15 F-NT2RP2000008//Human mRNA for KIAA0065 gene, partial cds//1.5e-29:526:66//Hs.70617:D31763
 F-NT2RP2000027//ESTs, Highly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG [Homo sapiens]//2.0e-26:214:82//Hs.140385:AA773359
 F-NT2RP2000032//ESTs//0.91:368:57//Hs.131209:AI038867
 F-NT2RP2000040//Homo sapiens mRNA for KIAA0747 protein, partial cds//6.1e-78:383:97//Hs.8309:AB018290
 20 F-NT2RP2000045//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1) mRNA, complete cds//7.8e-97:467:97//Hs.6216:AF061749
 F-NT2RP2000054//HOMEBOX/POU DOMAIN PROTEIN RDC-1//1.0:110:70//Hs.74095:L20433
 F-NT2RP2000056//Human HPTP epsilon mRNA for protein tyrosine phosphatase epsilon//1.2e-27:146:100//Hs.155991:X54134
 25 F-NT2RP2000067//Human DNA sequence from clone 1052M9 on chromosome Xq25. Contains the SH2D1A gene for SH2 domain protein 1A, Duncan's disease (lymphoproliferative syndrome) (DSHP), part of a 60S Acidic Ribosomal protein 1 (RPLP1) LIKE gene and part of a mouse DOC4 LIKE gene. Contains ESTs and GSSs//8.1e-41:767:61//Hs.23796:AL022718 F-NT2RP2000070//Homo sapiens chromosome 5, BAC clone 203o13 (LBNL H155), complete sequence//6.5e-08:344:58//Hs.159402:AC005609
 30 F-NT2RP2000076//H.sapiens mRNA for TFIIA//0.00023:356:62//Hs.121686:D14887
 F-NT2RP2000077//Homo sapiens growth arrest specific 11 (GAS11) mRNA, complete cds//6.8e-79:278:97//Hs.54877:AF050078
 F-NT2RP2000079//ESTs//1.2e-36:202:94//Hs.17606:AI279879
 F-NT2RP2000088//Homo sapiens mRNA for KIAA0795 protein, partial cds//7.1e-160:752:98//Hs.22926:AB018338
 35 F-NT2RP2000091
 F-NT2RP2000097
 F-NT2RP2000098//ESTs//0.086:92:69//Hs.159389:AI371963
 F-NT2RP2000108//Human mRNA for KIAA0392 gene, partial cds//1.4e-18:200:77//Hs.40100:AB002390
 40 F-NT2RP2000114//Homo sapiens mRNA for GM3 synthase, complete cds//1.6e-115:551:97//Hs.17706:AB018356
 F-NT2RP2000120//ESTs, Weakly similar to HYPOTHETICAL 68.7 KD PROTEIN ZK757.1 IN CHROMOSOME III [C.elegans]//0.019:72:81//Hs.5268:W22670
 F-NT2RP2000126//Homo sapiens chromodomain-helicase-DNA-binding protein mRNA, complete cds//1.4e-120:607:96//Hs.159273:AF054177
 45 F-NT2RP2000133//Neuronal pentraxin II//0.00014:401:61//Hs.3281:U29195
 F-NT2RP2000147//Human clathrin assembly protein 50 (AP50) mRNA, complete cds//2.2e-18:559:60//Hs.152936:D63475
 F-NT2RP2000153//Homo sapiens splicing factor (CC1.3) mRNA, complete cds//0.33:85:70//Hs.256:L10910
 50 F-NT2RP2000157//ESTs//0.53:75:81//Hs.24885:R49291
 F-NT2RP2000161//ESTs//2.6e-06:89:84//Hs.21738:AI188190
 F-NT2RP2000173
 F-NT2RP2000175
 F-NT2RP2000183//Homo sapiens mRNA for dihydropyrimidinase related protein 4, complete cds//0.0018:324:58//Hs.100058:AB006713
 55 F-NT2RP2000195//ESTs, Weakly similar to C37E2.2 [C.elegans]//3.6e-37:233:90//Hs.56750:AI148761
 F-NT2RP2000205//ESTs//5.6e-58:317:93//Hs.49559:AA401050
 F-NT2RP2000208

EP 1 074 617 A2

F-NT2RP2000224//Homo sapiens hLRp105 mRNA for LDL receptor related protein 105, complete cds//0.0071:243:61//Hs.143641:AB009462
F-NT2RP2000232//EST//0.0087:187:62//Hs.151024:Z39990
F-NT2RP2000233//Homo sapiens Notch3 (NOTCH3) mRNA, complete cds//0.17:342:59//Hs.8546:U97669
5 F-NT2RP2000239//Human mRNA for KIAA0380 gene, complete cds//1.0:227:60//Hs.47822:AB002378
F-NT2RP2000248//EST//0.49:117:70//Hs.61016:AA019719
F-NT2RP2000257//Macrophage stimulating 1 (hepatocyte growth factor-like)//0.51:227:60//Hs.30223:X90846
F-NT2RP2000258//ESTs//3.1e-48:261:94//Hs.128230:AA972691
F-NT2RP2000270//ESTs//2.9e-38:357:75//Hs.140329:AA714011
10 F-NT2RP2000274//ESTs//1.1e-106:508:98//Hs.47646:AA307599
F-NT2RP2000283//EST//1.0:139:63//Hs.128256:AA972910
F-NT2RP2000288
F-NT2RP2000289
F-NT2RP2000297//Human repressor transcriptional factor (ZNF85) mRNA, complete cds//4.2e-60:744:70//Hs.37138:U35376
15 F-NT2RP2000298//ESTs//6.1e-46:322:85//Hs.159490:AI123467
F-NT2RP2000310//Human proline dehydrogenase/proline oxidase (PRODH) mRNA, complete cds//4.3e-13:140:80//Hs.58218:U82381
F-NT2RP2000327//ESTs//4.3e-18:108:98//Hs.126212:AI417006
20 F-NT2RP2000328//ESTs//6.3e-88:437:96//Hs.127336:AI332905
F-NT2RP2000329//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL//6.6e-41:607:66//Hs.101642:X60673
F-NT2RP2000337//Homo sapiens neurocan (CSPG3) mRNA, complete cds//0.96:126:69//Hs.153706:AF026547
F-NT2RP2000346//Homo sapiens apoptosis associated protein (GADD34) mRNA, complete cds//1.2e-130:627:97//Hs.76556:U83981
25 F-NT2RP2000369//Homo sapiens mRNA for KIAA0630 protein, partial cds//0.56:464:57//Hs.12259:AB014530
F-NT2RP2000412//ESTs//1.0:214:60//Hs.91226:AA649047
F-NT2RP2000414//Homo sapiens HnRNP F protein mRNA, complete cds//1.6e-67:375:93//Hs.808:L28010
F-NT2RP2000420//ESTs, Moderately similar to zinc finger protein [H.sapiens]/3.9e-75:413:92//Hs.36779:AA626790
30 F-NT2RP2000422//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds//6.7e-128:609:96//Hs.5819:AF102265
F-NT2RP2000438//ESTs//1.3e-05:50:98//Hs.156532:AA913381
F-NT2RP2000448//EST//1.1e-24:136:98//Hs.160402:AI393918
35 F-NT2RP2000459//H.sapiens mRNA for imogen 38//1.9e-22:158:87//Hs.154655:Z68747
F-NT2RP2000498//ESTs//1.0e-17:181:79//Hs.155243:N70293
F-NT2RP2000503//ESTs//4.5e-41:205:100//Hs.62751:AA765702
F-NT2RP2000510
F-NT2RP2000516
40 F-NT2RP2000523//ESTs, Highly similar to APOLIPOPROTEIN B MRNA EDITING PROTEIN [Rattus norvegicus]//3.2e-15:167:75//Hs.10984:AA806768
F-NT2RP2000603//Homo sapiens mRNA for KIAA0572 protein, partial cds//5.6e-38:196:98//Hs.14409:AB011144
F-NT2RP2000617//Myosin, heavy polypeptide 6, cardiac muscle, alpha (cardiomyopathy, hypertrophic 1)//1.0:242:57//Hs.114001:Z20656
45 F-NT2RP2000634//Homo sapiens mRNA for KIAA0614 protein, partial cds//4.2e-151:732:97//Hs.7314:AB014514
F-NT2RP2000644//ESTs//0.035:276:60//Hs.43660:N33174
F-NT2RP2000656
F-NT2RP2000658//ESTs//0.032:281:59//Hs.124853:AA420602
F-NT2RP2000668
50 F-NT2RP2000678//ESTs//2.9e-16:310:65//Hs.126867:AI093453
F-NT2RP2000704//ESTs, Highly similar to PUTATIVE SERINE/THREONINE-PROTEIN KINASE C41C.4 IN CHROMOSOME II PRECURSOR [Caenorhabditis elegans]/2.4e-31:233:78//Hs.114905:AA088442
F-NT2RP2000710
F-NT2RP2000715
55 F-NT2RP2000731
F-NT2RP2000758//EST//1.0e-14:199:71//Hs.162409:AA573242
F-NT2RP2000764//ESTs, Weakly similar to NIFS-LIKE 54.5 KD PROTEIN [Saccharomyces cerevisiae]/1.6e-74:445:89//Hs.21421:AA911739

F-NT2RP2000809//ESTs//1.2e-36:235:89//Hs.154580:N34101
 F-NT2RP2000812//Homo sapiens pendrin (PDS) mRNA, complete cds//0.22:351:58//Hs.159275:AF030880
 F-NT2RP2000814
 F-NT2RP2000816//Homo sapiens mRNA for KIAA0610 protein, partial cds//1.0:311:61//Hs.118087:AB011182
 5 F-NT2RP2000819
 F-NT2RP2000841//Human mRNA for KIAA0294 gene, complete cds//3.4e-28:390:70//Hs.20695:AB002292
 F-NT2RP2000842//Human lysophosphatidic acid receptor homolog mRNA, complete cds//9.5e-29:167:94//Hs.75794:U80811
 F-NT2RP2000845//ESTs//1.0e-83:403:98//Hs.156828:AI336850
 10 F-NT2RP2000863//ESTs, Highly similar to HYPOTHETICAL 36.7 KD PROTEIN C2F7.02C IN CHROMOSOME I [Schizosaccharomyces pombe]//6.4e-34:207:92//Hs.135235:AI081880
 F-NT2RP2000880//Homo sapiens mRNA for KIAA0741 protein, complete cds//7.7e-142:732:94//Hs.3615:AB018284
 F-NT2RP2000892//ESTs, Weakly similar to mitogen-activated kinase kinase kinase 5 [H.sapiens]//0.50:189:65//Hs.46146:AA418097
 15 F-NT2RP2000931//MATRIN3//1.1e-130:610:98//Hs.78825:AB018266
 F-NT2RP2000932//Homo sapiens BAC clone GS166A23 from 7p21//5.5e-66:326:97//Hs.15144:AC005014
 F-NT2RP2000938//ESTs//1.8e-28:296:75//Hs.22822:H06408
 F-NT2RP2000943//Homo sapiens mRNA for KIAA0755 protein, complete cds//1.9e-113:533:98//Hs.19822:AB018298
 20 F-NT2RP2000965//ESTs//5.3e-59:328:94//Hs.35575:R96494
 F-NT2RP2000970
 F-NT2RP2000985//ESTs, Weakly similar to HYPOTHETICAL 96.8 KD PROTEIN IN SIS2-MTD1 INTERGENIC REGION [Saccharomyces cerevisiae]//7.3e-76:385:96//Hs.21875:AA243700
 25 F-NT2RP2000987//ESTs//5.6e-11:177:72//Hs.15776:T91944
 F-NT2RP2001036//ESTs//2.0e-55:352:88//Hs.122131:AA789292
 F-NT2RP2001044//EST//0.069:267:60//Hs.102808:N67117
 F-NT2RP2001056//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488//1.0e-145:696:97//Hs.67619:AB007957
 30 F-NT2RP2001065
 F-NT2RP2001070//Human mRNA for KIAA0315 gene, partial cds//1.0:310:60//Hs.3989:AB002313
 F-NT2RP2001081
 F-NT2RP2001094//ESTs//0.0071:262:64//Hs.128115:AI356560
 F-NT2RP2001119//Small inducible cytokine A5 (RANTES)//2.2e-34:311:78//Hs.155464:AF088219
 35 F-NT2RP2001127//Human mRNA for KIAA0234 gene, complete cds//3.5e-33:519:63//Hs.80358:U52191
 F-NT2RP2001137//ESTs, Highly similar to RAB GDP DISSOCIATION INHIBITOR ALPHA [Bos taurus]//6.4e-34:201:91//Hs.118470:AI336362
 F-NT2RP2001149//EST//3.9e-27:244:78//Hs.162236:AA551582
 F-NT2RP2001168//ESTs//0.0023:216:62//Hs.134938:AI091361
 40 F-NT2RP2001173//Homo sapiens mRNA for KIAA0480 protein, complete cds//7.4e-114:567:96//Hs.26247:AB007949
 F-NT2RP2001174//H.sapiens ZNF81 gene//0.21:256:59//Hs.104020:X68011
 F-NT2RP2001196
 F-NT2RP2001218//ESTs//1.1e-65:337:96//Hs.115710:AA524598
 45 F-NT2RP2001226//Guanylate cyclase 1, soluble, alpha 2//0.030:395:59//Hs.2685:Z50053
 F-NT2RP2001233//Zinc finger protein 136 (clone pHZ-20)//4.4e-58:656:70//Hs.69740:U09367
 F-NT2RP2001245//EST//0.018:228:62//Hs.116798:AA633813
 F-NT2RP2001268//Homo sapiens mRNA for KIAA0810 protein, partial cds//8.1e-108:514:97//Hs.7531:AB018353
 F-NT2RP2001277//EST//0.42:127:66//Hs.42834:N20277
 50 F-NT2RP2001290//Homo sapiens alpha SNAP mRNA, complete cds//1.8e-62:527:76//Hs.75848:U39412
 F-NT2RP2001295//ESTs//3.4e-29:90:100//Hs.123321:AA810287
 F-NT2RP2001312//ESTs//1.0:121:61//Hs.160261:AI146387
 F-NT2RP2001327//Human B12 protein mRNA, complete cds//1.9e-30:359:71//Hs.76090:M80783
 F-NT2RP2001328//ESTs//5.2e-103:532:94//Hs.69476:AA628522
 55 F-NT2RP2001347//ESTs//4.3e-28:217:82//Hs.31775:H41883
 F-NT2RP2001366//ESTs, Weakly similar to ZK1058.5 [C.elegans]//1.8e-72:418:91//Hs.107039:W27244
 F-NT2RP2001378
 F-NT2RP2001381//ESTs//0.59:235:62//Hs.118569:AI377558

EP 1 074 617 A2

F-NT2RP2001392//Homo sapiens chromosome 5, BAC clone 203o13 (LBNL H155), complete sequence//0.28:225:62//Hs.159402:AC005609
F-NT2RP2001394//ESTs//8.3e-22:133:78//Hs.109655:AI189767
F-NT2RP2001397//ESTs//0.090:265:60//Hs.152775:AA633088
5 F-NT2RP2001420
F-NT2RP2001423//ESTs, Weakly similar to hypothetical protein [H.sapiens]//0.030:443:59//Hs.140506:AA308018
F-NT2RP2001427//EST//1.9e-19:174:79//Hs.132635:AI032875
F-NT2RP2001436//EST//0.16:132:66//Hs.128265:AA972966
F-NT2RP2001440//Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta polypeptide//
10 9.8e-56:603:72//Hs.75544:Z82248
F-NT2RP2001445//ESTs//2.2e-26:193:86//Hs.128610:AA504218
F-NT2RP2001449
F-NT2RP2001450
F-NT2RP2001467
15 F-NT2RP2001506
F-NT2RP2001511//ESTs, Weakly similar to F48F7.1 [C.elegans]//3.2e-83:409:98//Hs.156161:AI333779
F-NT2RP2001520//Homo sapiens mRNA for mitochondrial carrier protein ARALAR1//6.4e-138:657:97//Hs.4277:Y14494
F-NT2RP2001526//EST//1.0:180:61//Hs.136311:AA437134
20 F-NT2RP2001536//Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3) mRNA, complete cds//5.2e-105:384:94//Hs.99742:AF035586
F-NT2RP2001560
F-NT2RP2001569//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488//1.4e-124:590:98//Hs.67619:AB007957
25 F-NT2RP2001576//Erythrocyte membrane protein band 4.9 (dematin)//0.046:521:60//Hs.75936:U28389
F-NT2RP2001581//EST//1.0:28:96//Hs.148002:AI264876
F-NT2RP2001597//Casein kinase 2, alpha prime polypeptide//0.069:165:65//Hs.82201:M55268
F-NT2RP2001601//Homo sapiens mRNA for KIAA0797 protein, partial cds//2.3e-138:647:98//Hs.27197:AB018340
30 F-NT2RP2001613
F-NT2RP2001628//ESTs//4.9e-45:238:96//Hs.135222:AI082229
F-NT2RP2001634//Homo sapiens alpha-catenin related protein (ACRP) mRNA, complete cds//4.9e-124:604:96//Hs.58488:U97067
F-NT2RP2001660//Homo sapiens putative 13 S Golgi transport complex 90kD subunit brain-specific isoform mRNA, complete cds//1.3e-145:687:97//Hs.159558:AF058718
35 F-NT2RP2001663//Enolase 1, (alpha)//4.2e-38:372:74//Hs.675:M14328
F-NT2RP2001675//X-LINKED HELICASE II//0.040:454:58//Hs.96264:U72936
F-NT2RP2001677//Homo sapiens mRNA for KIAA0771 protein, partial cds//0.028:285:63//Hs.6162:AB018314
F-NT2RP2001678//Homo sapiens semaphorin F homolog mRNA, complete cds//1.7e-34:328:76//Hs.27621:U52840
40 F-NT2RP2001699//EST//0.029:94:68//Hs.125936:AA889091
F-NT2RP2001720//ESTs, Highly similar to Rap2 interacting protein 8 [M.musculus]//1.0:173:62//Hs.107361:AI197870
F-NT2RP2001721
45 F-NT2RP2001740//Homo sapiens Rigui (RIGUI) mRNA, complete cds//0.58:403:57//Hs.8114:AF022991
F-NT2RP2001748//Farnesyl diphosphate synthase (farnesyl pyrophosphate synthetase, dimethylallyltranstransferase, geranyltranstransferase)//1.2e-19:151:86//Hs.77393:D14697
F-NT2RP2001762//Homo sapiens exonuclease 1a (EXO1a) mRNA, complete_cds//5.2e-34:191:96//Hs.47504:AF091754
50 F-NT2RP2001813//EST//0.46:183:57//Hs.144096:AI032180
F-NT2RP2001839//EST//2.5e-12:86:94//Hs.133226:AI052250
F-NT2RP2001861//Homo sapiens mRNA for paraplegin//0.068:146:71//Hs.78497:Y16610
F-NT2RP2001869//Homo sapiens ZNF202 alpha (ZNF202) mRNA, complete cds//0.0013:174:62//Hs.9443:AF027219
55 F-NT2RP2001876//Allograft inflammatory factor 1//2.2e-08:162:67//Hs.76364:Y14768
F-NT2RP2001883
F-NT2RP2001898//75 KD INOSITOL-1,4,5-TRISPHOSPHATE 5-PHOSPHATASE PRECURSOR//3.0e-113:633:90//Hs.142189:M74161

EP 1 074 617 A2

F-NT2RP2001900//EST//1.9e-14:132:84//Hs.130049:AA902650
 F-NT2RP2001907//ESTs, Weakly similar to ankyrin 3, long form [H.sapiens]//0.37:263:62//Hs.106377:H29757
 F-NT2RP2001926//ESTs//1.1e-87:430:97//Hs.133487:AI393754
 F-NT2RP2001936
 5 F-NT2RP2001943
 F-NT2RP2001946//ESTs//1.0:110:69//Hs.7941:AA894797
 F-NT2RP2001947
 F-NT2RP2001969//ESTs//3.3e-93:433:93//Hs.9622:W44489
 F-NT2RP2001976//Homo sapiens KIAA0432 mRNA, complete cds//0.20:238:63//Hs.155174:AB007892
 10 F-NT2RP2001985//Homo sapiens mRNA for KIAA0545 protein, partial cds//7.4e-05:235:62//Hs.129943:
 AB011117
 F-NT2RP2001991//EST//0.0027:163:68//Hs.162458:AA579196
 F-NT2RP2002025//Homo sapiens mRNA for KIAA0756 protein, partial cds//3.2e-62:314:97//Hs.116604:
 AB018299
 15 F-NT2RP2002032
 F-NT2RP2002033//EST//1.2e-16:224:74//Hs.150409:AI003543
 F-NT2RP2002041//EST//0.022:139:69//Hs.127219:AA939336
 F-NT2RP2002046//ESTs//1.1e-35:218:92//Hs.130678:R51509
 F-NT2RP2002047//ESTs//0.43:131:64//Hs.153939:AI284198
 20 F-NT2RP2002058//Homo sapiens mRNA for KIAA0741 protein, complete cds//0.96:137:71//Hs.3615:AB018284
 F-NT2RP2002066//Homo sapiens transmembrane receptor UNC5C (UNC5C) mRNA, complete cds//3.1e-36:509:
 66//Hs.44553:AF055634
 F-NT2RP2002070//ESTs//0.00027:107:72//Hs.4852:R84241
 F-NT2RP2002076//Homo sapiens clone 24804 mRNA sequence//3.4e-129:643:96//Hs.11039:AF052183
 25 F-NT2RP2002078//EST//1.0:83:65//Hs.115996:AA609014
 F-NT2RP2002079//ESTs//6.2e-06:326:60//Hs.134202:AI313156
 F-NT2RP2002099//Homo sapiens mRNA for E1B-55kDa-associated protein//3.2e-112:533:97//Hs.155218:
 AJ007509
 F-NT2RP2002105//Homo sapiens serine threonine kinase 11 (STK11) mRNA, complete cds//6.1e-07:408:60//Hs.
 30 122755:AF032986
 F-NT2RP2002124//ESTs//1.3e-90:459:96//Hs.142053:AA224286
 F-NT2RP2002137//ATPase, Ca++ transporting, plasma membrane 4//0.0032:319:59//Hs.995:M83363
 F-NT2RP2002154//Homo sapiens mRNA for C17orf1 protein//1.0:149:65//Hs.100217:AJ008112
 F-NT2RP2002172//EST//4.4e-14:276:67//Hs.148392:AI085314
 35 F-NT2RP2002185//ESTs, Weakly similar to ubiquitin S6(1) [D.melanogaster]//6.8e-61:354:91//Hs.109966:
 C06057
 F-NT2RP2002192//Human 75-kD autoantigen (PM-Sc1) mRNA, complete cds//3.7e-37:194:97//Hs.91728:
 M58460
 F-NT2RP2002193//Homo sapiens protein inhibitor of activated STAT protein PIASx-alpha mRNA, complete cds//
 40 6.8e-15:228:67//Hs.111323:AF077954
 F-NT2RP2002208
 F-NT2RP2002219//ESTs//0.0059:247:61//Hs.36495:AA151628
 F-NT2RP2002231//ESTs//0.29:167:63//Hs.112013:AI394318
 F-NT2RP2002235//H.sapiens mRNA for PHAPI2b protein//0.86:67:82//Hs.84264:U70439
 45 F-NT2RP2002252//Homo sapiens mRNA for KIAA0527 protein, partial cds//0.79:264:59//Hs.129748:AB011099
 F-NT2RP2002256//Homo sapiens retinoic acid hydroxylase mRNA, complete cds//2.1e-51:315:89//Hs.150595:
 AF005418
 F-NT2RP2002259//Human L-myc protein gene, complete cds//1.2e-26:343:71//Hs.92137:M19720
 F-NT2RP2002270//ESTs, Weakly similar to AF-9 PROTEIN [H.sapiens]//1.3e-31:206:88//Hs.4029:Z78373
 50 F-NT2RP2002292//ESTs//1.3e-07:153:67//Hs.13533:H23079
 F-NT2RP2002312//Homo sapiens CDP-diacylglycerol synthase 2 (CDS2) mRNA, partial cds//5.0e-95:467:96//Hs.
 24812:AF069532
 F-NT2RP2002316//ESTs//0.95:194:63//Hs.157214:AA805445
 F-NT2RP2002325//Homo sapiens peroxisomal biogenesis factor (PEX11a) mRNA, complete cds//1.3e-124:640:
 55 95//Hs.31034:AB015594
 F-NT2RP2002333//Protein-tyrosine kinase tyk2 (non-receptor)//1.0:257:60//Hs.75516:X54637
 F-NT2RP2002373
 F-NT2RP2002385//Homo sapiens synaptic glycoprotein SC2 spliced variant mRNA, complete cds//3.1e-139:673:

97//Hs.109051:AF038958
 F-NT2RP2002394//Human clone 23695 mRNA sequence//0.16:456:59//Hs.90798:U79289
 F-NT2RP2002408//HOMEBOX/POU DOMAIN PROTEIN RDC-1//0.00069:265:65//Hs.74095:L20433
 F-NT2RP2002426//EST//4.3e-33:271:79//Hs.145743:AI269098
 5 F-NT2RP2002439//ESTs//0.0041:129:68//Hs.146064:AA714326
 F-NT2RP2002442//ESTs, Weakly similar to similar to molybdopter biosynthesis MOEB proteins [C.elegans]//5.6e-26:169:89//Hs.25198:AA904265
 F-NT2RP2002457//ESTs//0.00031:121:71//Hs.134860:AI091436
 F-NT2RP2002464//Human mRNA for KIAA0086 gene, complete cds//0.0013:207:63//Hs.1560:D42045
 10 F-NT2RP2002475//ESTs//1.0:85:75//Hs.155371:AI139929
 F-NT2RP2002479//Homo sapiens mRNA for ABC transporter 7 protein, complete cds//7.6e-125:607:96//Hs.125856:AB005289
 F-NT2RP2002498
 F-NT2RP2002503//Human zinc finger protein (FDZF2) mRNA, complete cds//2.2e-89:314:87//Hs.102681:U95044
 15 F-NT2RP2002504//Homo sapiens mRNA for KIAA0791 protein, complete cds//3.8e-159:761:97//Hs.23255:AB018334
 F-NT2RP2002520//RAB6, member RAS oncogene family//0.99:216:59//Hs.107563:M28212
 F-NT2RP2002537
 F-NT2RP2002546//EST//0.81:161:65//Hs.120562:AA741096
 20 F-NT2RP2002549//ESTs//0.76:228:61//Hs.146313:AA594979
 F-NT2RP2002591//Homo sapiens mRNA for KIAA0798 protein, complete cds//2.9e-33:285:78//Hs.159277:AB018341
 F-NT2RP2002595//Adenylate cyclase 8 (brain)//0.39:377:59//Hs.2522:Z35309
 F-NT2RP2002606//Human Line-1 repeat mRNA with 2 open reading frames//6.4e-24:144:95//Hs.23094:M19503
 25 F-NT2RP2002609//Human guanine nucleotide regulatory protein (tim1) mRNA, complete cds//1.0:120:68//Hs.334:U02082
 F-NT2RP2002618//H.sapiens mRNA for arginine methyltransferase, splice variant, 1262 bp//4.3e-28:460:63//Hs.20521:Y10805
 F-NT2RP2002621
 30 F-NT2RP2002643//Human p300/CBP-associated factor (P/CAF) mRNA, complete cds//0.0022:210:64//Hs.155302:U57317
 F-NT2RP2002672//ESTs//7.4e-30:226:84//Hs.94694:W52493
 F-NT2RP2002701//ESTs, Highly similar to HYPOTHETICAL 68.7 KD PROTEIN ZK757.1 IN CHROMOSOME III [Caenorhabditis elegans]//8.3e-56:278:97//Hs.109857:AA088385
 35 F-NT2RP2002706//CEREBELLIN 1 PRECURSOR//0.00042:367:61//Hs.662:M58583
 F-NT2RP2002710//Homo sapiens mRNA for KIAA0672 protein, complete cds//8.0e-42:631:65//Hs.6336:AB014572
 F-NT2RP2002727
 F-NT2RP2002736//ESTs//3.2e-67:336:97//Hs.86583:AA761217
 40 F-NT2RP2002740//EST//1.0e-70:352:97//Hs.145168:AI150297
 F-NT2RP2002741//Human mRNA for Neuroblastoma, complete cds//2.4e-30:628:62//Hs.87435:D89016
 F-NT2RP2002750//Human mRNA for KIAA0331 gene, complete cds//2.1e-29:285:75//Hs.146395:AB002329
 F-NT2RP2002752//EST//2.2e-06:126:74//Hs.159913:AA862709
 F-NT2RP2002753//ESTs//4.3e-14:137:81//Hs.133478:T79705
 45 F-NT2RP2002769//Human plectin (PLEC1) mRNA, complete cds//0.017:507:57//Hs.79706:U53204
 F-NT2RP2002778//EST//1.6e-57:319:93//Hs.147519:AI216407
 F-NT2RP2002800
 F-NT2RP2002839//ESTs//0.075:177:62//Hs.132445:AA921763
 F-NT2RP2002857//ESTs//0.99:88:69//Hs.132104:AI382142
 50 F-NT2RP2002862
 F-NT2RP2002880
 F-NT2RP2002891//Homo sapiens mRNA for KIAA0673 protein, partial cds//1.0:237:62//Hs.106487:AB014573
 F-NT2RP2002925//ESTs//1.6e-33:318:77//Hs.16808:W22606
 F-NT2RP2002928//Homo sapiens pre-mRNA splicing factor (PRP17) mRNA, complete cds//3.9e-136:623:99//Hs.116674:AF038392
 55 F-NT2RP2002929//Homo sapiens ataxin-7 (SCA7) mRNA, complete cds//0.24:158:65//Hs.108447:AJ000517
 F-NT2RP2002939
 F-NT2RP2002954

F-NT2RP2002959//Human E2 ubiquitin conjugating enzyme Ubch5B (UBCH5B) mRNA, complete cds//6.4e-21:
 135:91//Hs.108332:U39317
 F-NT2RP2002979
 F-NT2RP2002980
 5 F-NT2RP2002986//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//7.8e-11:272:61//Hs.
 122967:AF059569
 F-NT2RP2002987//ESTs//8.2e-20:99:82//Hs.138965:AI004740
 F-NT2RP2002993
 F-NT2RP2003000//Small inducible cytokine A5 (RANTES)//2.1e-46:353:81//Hs.155464:AF088219
 10 F-NT2RP2003034//ESTs//1.6e-08:263:66//Hs.164048:AA811741
 F-NT2RP2003073//Human clone 230971 defective mariner transposon Hsmar2 mRNA sequence//4.6e-43:381:
 78//Hs.159176:U92019
 F-NT2RP2003099//TRICHOHYALIN//0.98:183:62//Hs.82276:L09190
 F-NT2RP2003108//H.sapiens nek2 mRNA for protein kinase//0.025:185:67//Hs.153704:U11050
 15 F-NT2RP2003117//ESTs//7.6e-30:219:88//Hs.153408:AA416633
 F-NT2RP2003121//ESTs//1.9e-13:158:73//Hs.129998:AI291379
 F-NT2RP2003125//Serum response factor (c-fos serum response element-binding transcription factor)//4.5e-06:
 556:57//Hs.155321:J03161
 F-NT2RP2003129//ESTs//0.095:218:63//Hs.70836:AA121544
 20 F-NT2RP2003137
 F-NT2RP2003157//Homo sapiens mRNA for KIAA0620 protein, partial cds//0.40:227:61//Hs.105958:AB014520
 F-NT2RP2003158//Homo sapiens mRNA for proteasome subunit p58, complete cds//5.7e-113:581:93//Hs.9736:
 D67025
 F-NT2RP2003161//ESTs//0.0095:120:65//Hs.163532:AI424170
 25 F-NT2RP2003164//EST//0.11:179:63//Hs.163299:AA853944
 F-NT2RP2003165//Human mRNA for KIAA0355 gene, complete cds//1.0e-39:342:79//Hs.153014:AB002353
 F-NT2RP2003177//ESTs//3.6e-80:414:96//Hs.4767:N91123
 F-NT2RP2003194//ESTs//5.4e-20:119:95//Hs.149531:AI393223
 F-NT2RP2003206//EST//0.095:182:60//Hs.88461:AA278594
 30 F-NT2RP2003228//CDC21 HOMOLOG//9.3e-138:726:93//Hs.154443:X74794
 F-NT2RP2003230//ESTs//3.0e-10:239:62//Hs.163720:AA526947
 F-NT2RP2003237//Human 53K isoform of Type II phosphatidylinositol-4-phosphate 5-kinase (PIPK) mRNA, com-
 plete cds//1.3e-62:543:77//Hs.108966:U48696
 F-NT2RP2003243//Homo sapiens proline and glutamic acid rich nuclear protein isoform mRNA, partial cds//0.52:
 35 200:62//Hs.102732:U88153
 F-NT2RP2003265
 F-NT2RP2003272//ESTs, Weakly similar to ubiquitin S6(1) [D.melanogaster]//5.8e-57:313:93//Hs.109966:
 C06057
 F-NT2RP2003277//Homo sapiens mRNA for KIAA0625 protein, partial cds//4.9e-147:714:96//Hs.154919:
 40 AB014525
 F-NT2RP2003280
 F-NT2RP2003286//Homo sapiens mRNA for KIAA0587 protein, complete cds//0.0097:243:65//Hs.21862:
 AB011159
 F-NT2RP2003293//ESTs//5.5e-28:418:70//Hs.146227:AI269334
 45 F-NT2RP2003295//Homo sapiens RMP mRNA for RPB5 meidating protein, complete cds//2.0e-86:416:97//Hs.
 7943:AB006572
 F-NT2RP2003297//EST//0.99:240:60//Hs.133228:AI052312
 F-NT2RP2003307//ESTs//5.6e-15:137:81//Hs.90020:AA442752
 F-NT2RP2003308
 50 F-NT2RP2003329//ESTs, Highly similar to HYPOTHETICAL 54.9 KD PROTEIN C02F5.7 IN CHROMOSOME III
 [Caenorhabditis elegans]//1.8e-102:532:95//Hs.6092:T75227
 F-NT2RP2003339//ESTs//0.13:166:63//Hs.149649:AI346765
 F-NT2RP2003347//ESTs//0.96:185:59//Hs.125003:H85963
 F-NT2RP2003367//Human HsLIM15 mRNA for HsLim15, complete cds//0.99:243:60//Hs.37181:D64108
 55 F-NT2RP2003391
 F-NT2RP2003393
 F-NT2RP2003394//Homo sapiens Ran-GTP binding protein mRNA, partial cds//0.86:416:57//Hs.4976:AF039023
 F-NT2RP2003401

- F-NT2RP2003433//ESTs, Highly similar to PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT [Canis familiaris]//3.7e-33:303:77//Hs.14038:R06800
- F-NT2RP2003445//EST//1.7e-06:154:65//Hs.142843:R36893
- F-NT2RP2003446//Prostaglandin receptor, ep1 subtype//0.81:273:61//Hs.159360:L22647
- 5 F-NT2RP2003456//EST//0.17:95:65//Hs.147190:A1193320
- F-NT2RP2003466//Homo sapiens chromosome 11, BAC CIT-HSP-311e8 (BC269730) containing the hFEN1 gene//4.3e-53:339:78//Hs.132874:AC004770
- F-NT2RP2003480//Calpain, small polypeptide//1.1e-06:154:66//Hs.74451:X04106
- F-NT2RP2003499//Homo sapiens delta-catenin mRNA, complete cds//3.1e-10:481:60//Hs.80220:U96136
- 10 F-NT2RP2003506
- F-NT2RP2003511//Spectrin, beta, non-erythrocytic 1//0.76:189:62//Hs.107164:M96803
- F-NT2RP2003513//Human mRNA for KIAA0270 gene, partial cds//8.3e-78:403:94//Hs.78482:Y16270
- F-NT2RP2003517//Platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog)//1.3e-24:151:95//Hs.1976:M12783
- 15 F-NT2RP2003522//Zinc finger protein 148 (pHZ-52)//1.1e-17:512:60//Hs.112180:AF039019
- F-NT2RP2003533//ESTs//1.8e-76:373:98//Hs.140402:A1138765
- F-NT2RP2003543//ESTs//9.3e-65:363:92//Hs.70643:AA030010
- F-NT2RP2003559//ESTs//0.00037:93:77//Hs.157564:A1356513
- F-NT2RP2003564//Sjogren syndrome antigen A1 (52kD, ribonucleoprotein autoantigen SS-A/Ro)//2.9e-28:664:63//Hs.1042:M62800
- 20 F-NT2RP2003567//Homo sapiens mRNA for KIAA0462 protein, partial cds//1.3e-114:541:98//Hs.129937:AB007931
- F-NT2RP2003581//EST//1.0:59:76//Hs.158575:A1368947
- F-NT2RP2003596//ESTs, Weakly similar to No definition line found [C.elegans]//1.3e-63:224:95//Hs.34627:AA126463
- 25 F-NT2RP2003604//Homo sapiens alpha-catenin related protein (ACRP) mRNA, complete cds//1.7e-124:585:98//Hs.58488:U97067
- F-NT2RP2003629//ESTs//2.0e-103:535:95//Hs.105633:AA479166
- F-NT2RP2003643//Kallmann syndrome 1 sequence//0.85:216:61//Hs.89591:M97252
- 30 F-NT2RP2003668//Homo sapiens haemopoietic progenitor homeobox HPX42B (HPX42B) mRNA, complete cds//9.4e-47:371:80//Hs.125231:AF068006
- F-NT2RP2003687//EST//2.9e-14:134:80//Hs.132635:A1032875
- F-NT2RP2003691//ESTs//8.2e-47:296:83//Hs.138852:AA284247
- F-NT2RP2003702//DNA POLYMERASE EPSILON, CATALYTIC SUBUNIT A//0.85:190:61//Hs.18366:L09561
- 35 F-NT2RP2003704//ESTs, Weakly similar to putative p150 [H.sapiens]//5.1e-44:269:91//Hs.139757:N95271
- F-NT2RP2003706//Homo sapiens mRNA for KIAA0525 protein, partial cds//8.3e-110:518:98//Hs.78494:AB011097
- F-NT2RP2003713
- F-NT2RP2003714//Homo sapiens hematopoietic cell derived zinc finger protein mRNA, complete cds//2.7e-56:252:83//Hs.86371:AF054180
- 40 F-NT2RP2003727//EST//0.52:277:59//Hs.69507:AA111879
- F-NT2RP2003737//Human E2 ubiquitin conjugating enzyme Ubch5C (UBCH5C) mRNA, complete cds//4.0e-55:584:71//Hs.118797:U39318
- F-NT2RP2003751
- 45 F-NT2RP2003760
- F-NT2RP2003764
- F-NT2RP2003769
- F-NT2RP2003770//RETINOBLASTOMA BINDING PROTEIN 3//0.58:247:59//Hs.96055:U47677
- F-NT2RP2003777
- 50 F-NT2RP2003781//ESTs, Weakly similar to C47D12.3 [C.elegans]//3.7e-63:356:92//Hs.16131:AA568689
- F-NT2RP2003793//ESTs//4.8e-68:392:92//Hs.93949:AA782955
- F-NT2RP2003825//ESTs//7.6e-79:232:98//Hs.14347:AA287742
- F-NT2RP2003840//DNAJ PROTEIN HOMOLOG HSJ1//0.95:300:59//Hs.77768:X63368
- F-NT2RP2003857//EST//1.0:112:62//Hs.139216:AA244425
- 55 F-NT2RP2003859
- F-NT2RP2003871//ESTs//2.5e-44:222:99//Hs.146295:AA935780
- F-NT2RP2003885
- F-NT2RP2003912//ESTs, Weakly similar to G2-SPECIFIC PROTEIN KINASE NIMA [Emericella nidulans]//2.2e-

- 113:632:92//Hs.50072:AI378221
 F-NT2RP2003952//ESTs, Moderately similar to 60S RIBOSOMAL PROTEIN L32 [H.sapiens]//1.0:146:67//Hs.156920:AA489296
 F-NT2RP2003968//Homo sapiens hUBP mRNA for ubiquitin specific protease, complete cds//6.8e-30:165:96//Hs.35086:AB014458
 5 F-NT2RP2003976//Homo sapiens mRNA for KIAA0447 protein, complete cds//7.9e-116:610:94//Hs.7302:AB007916
 F-NT2RP2003981//Homo sapiens mRNA for KIAA0804 protein, partial cds//3.2e-161:783:96//Hs.7316:AB018347
 F-NT2RP2003984
 10 F-NT2RP2003986//ESTs//1.3e-39:296:83//Hs.152482:AI050036
 F-NT2RP2003988//Thiopurine S-methyltransferase//7.1e-44:532:70//Hs.51124:AF019369
 F-NT2RP2004013//ESTs, Highly similar to TRANSCRIPTION FACTOR BTF3 [Homo sapiens]//7.0e-104:556:93//Hs.111081:AI380378
 F-NT2RP2004014
 15 F-NT2RP2004041//Homo sapiens chromosome 19, cosmid F17127//6.0e-11:120:80//Hs.10116:AC004780
 F-NT2RP2004042
 F-NT2RP2004066//Homo sapiens zinc finger protein (ZnF20) mRNA, complete cds//0.80:292:61//Hs.1147:AF011573
 F-NT2RP2004081//ESTs//5.7e-87:427:96//Hs.102296:AI217942
 20 F-NT2RP2004098//Homo sapiens leucine-rich repeat protein SHOC-2 (SHOC-2) mRNA, complete cds//0.15:199:60//Hs.104315:AF054828
 F-NT2RP2004124//Homo sapiens mRNA for ephrin-A2//0.98:233:59//Hs.158306:AJ007292
 F-NT2RP2004142
 F-NT2RP2004152//ESTs//5.7e-35:187:96//Hs.98977:AA625872
 25 F-NT2RP2004165//Homo sapiens serine kinase SRPK2 mRNA, complete cds//0.69:176:63//Hs.78353:U88666
 F-NT2RP2004170//ESTs//3.9e-05:380:61//Hs.143748:AI419966
 F-NT2RP2004172//ESTs//5.8e-18:104:99//Hs.157031:AI343501
 F-NT2RP2004187//ESTs, Moderately similar to zinc finger protein [H.sapiens]//1.7e-16:276:67//Hs.36779:AA626790
 30 F-NT2RP2004194//Human p300/CBP-associated factor (P/CAF) mRNA, complete cds//1.0:124:69//Hs.155302:U57317
 F-NT2RP2004196
 F-NT2RP2004207//ESTs//3.8e-11:92:88//Hs.22678:AA604756
 F-NT2RP2004226//ESTs, Weakly Similar to teg292 protein [M.musculus]//1.8e-80:386:98//Hs.68791:AA527270
 35 F-NT2RP2004232//Protein kinase C, mu//3.9e-36:448:67//Hs.2891:X75756
 F-NT2RP2004239//ESTs//0.12:196:61//Hs.127209:AA976680
 F-NT2RP2004240//EST//1.0:134:63//Hs.104466:AA282536
 F-NT2RP2004242//Homo sapiens Nck-2 (NCK2) mRNA, complete cds//0.27:313:59//Hs.129725:AF047487
 F-NT2RP2004245//ESTs, Weakly similar to No definition line found [C.elegans]//8.2e-51:474:74//Hs.108990:N25951
 40 F-NT2RP2004270//MUELLERIAN INHIBITING FACTOR PRECURSOR//1.6e-06:490:60//Hs.12432:AC005263
 F-NT2RP2004300//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE BETA 3//0.35:157:67//Hs.37121:Z37544
 F-NT2RP2004316//Homo sapiens EXT-like protein 2 (EXTL2) mRNA, complete cds//1.5e-151:735:97//Hs.61152:AF000416
 45 F-NT2RP2004321//ESTs//2.6e-64:385:88//Hs.133128:W27735
 F-NT2RP2004339//ESTs//3.3e-46:338:83//Hs.145091:AA814510
 F-NT2RP2004347//ESTs//1.0:184:61//Hs.134469:AA731632
 F-NT2RP2004364//ESTs//2.9e-70:366:95//Hs.14928:AA256202
 50 F-NT2RP2004365
 F-NT2RP2004366//Homo sapiens mRNA for DFFRY protein, abundant transcript//0.60:295:57//Hs.39163:AF000986
 F-NT2RP2004373
 F-NT2RP2004389//ESTs, Highly similar to HYPOTHETICAL 70.7 KD PROTEIN F09G8.3 IN CHROMOSOME III [Caenorhabditis elegans]//3.3e-97:477:98//Hs.30490:AA146916
 55 F-NT2RP2004392//ESTs//2.6e-61:305:98//Hs.43100:AA186588
 F-NT2RP2004396//Homo sapiens BAC clone RG135C18 from 7q21//1.4e-174:875:95//Hs.152759:AC005164
 F-NT2RP2004399//ESTs, Weakly similar to K01H12.1 [C.elegans]//1.2e-92:519:91//Hs.13275:AI341468

F-NT2RP2004400//EST//0.018:150:65//Hs.158739:AI375367
 F-NT2RP2004412
 F-NT2RP2004425//EST//0.049:145:64//Hs.160759:R36944
 F-NT2RP2004463//ESTs//1.5e-40:207:98//Hs.98057:C15687
 5 F-NT2RP2004476//Homo sapiens TWIK-related acid-sensitive K⁺ channel (TASK) mRNA, complete cds//0.45:208:61//Hs.24040:AF006823
 F-NT2RP2004490
 F-NT2RP2004512//ESTs//0.0012:330:61//Hs.70258:AI091203
 F-NT2RP2004523//Human high-affinity copper uptake protein (hCTR1) mRNA, complete cds//1.3e-29:270:79//
 10 Hs.73614:U83460
 F-NT2RP2004538//Homo sapiens mRNA for KIAA0591 protein, partial cds//4.6e-139:687:96//Hs.129908:AB011163
 F-NT2RP2004551//ESTs//0.0075:285:62//Hs.149442:AI346891
 F-NT2RP2004568//Homo sapiens antigen NY-CO-16 mRNA, complete cds//8.8e-06:291:61//Hs.132206:
 15 AF039694
 F-NT2RP2004580//Small inducible cytokine A5 (RANTES)//1.2e-45:334:82//Hs.155464:AF088219
 F-NT2RP2004587//Homo sapiens mRNA for KIAA0766 protein, complete cds//0.98:136:64//Hs.28020:AB018309
 F-NT2RP2004594//ESTs, Highly similar to MKR2 PROTEIN [Mus musculus]//1.0:104:68//Hs.125729:N99898
 F-NT2RP2004600//Homo sapiens mRNA for Hrs, complete cds//0.20:260:60//Hs.24756:U43895
 20 F-NT2RP2004602//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.0e-59:273:93//Hs.12845:N28835
 F-NT2RP2004614//EST//0.99:103:68//Hs.148738:AI224908
 F-NT2RP2004655//Homo sapiens mRNA for leucine rich protein//8.4e-104:496:98//Hs.5198:AJ006291
 F-NT2RP2004664//Homo sapiens mRNA for KIAA0460 protein, partial cds//5.2e-155:728:98//Hs.29956:
 25 AB007929
 F-NT2RP2004675//EST//0.65:151:62//Hs.130504:AI003839
 F-NT2RP2004681
 F-NT2RP2004689//Homo sapiens mRNA for KIAA0625 protein, partial cds//4.1e-61:327:94//Hs.154919:AB014525
 30 F-NT2RP2004709//ESTs//2.2e-05:98:77//Hs.161898:AA286942
 F-NT2RP2004710//ESTs//0.0035:76:82//Hs.108470:R93780
 F-NT2RP2004736//Homo sapiens mRNA for KIAA0478 protein, complete cds//2.1e-118:582:96//Hs.4236:AB007947
 F-NT2RP2004743//EST//0.11:170:64//Hs.112670:AA609242
 35 F-NT2RP2004767//EST//1.5e-09:303:65//Hs.148374:AA948183
 F-NT2RP2004768//ESTs, Highly similar to SERINE/THREONINE-PROTEIN KINASE PAK [Rattus norvegicus]//3.7e-110:548:96//Hs.85768:W16504
 F-NT2RP2004775//Homo sapiens transcriptional regulatory protein p54 mRNA, complete cds//0.025:547:57//Hs.107474:AF045451
 40 F-NT2RP2004791//Human endosome-associated protein (EEA1) mRNA, complete cds//0.99:121:64//Hs.2864:L40157
 F-NT2RP2004799//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS) mRNA, partial cds//4.9e-118:594:95//Hs.40820:AF058953
 F-NT2RP2004802//ESTs//5.6e-16:116:91//Hs.153841:N36043
 45 F-NT2RP2004816//Homo sapiens H beta 58 homolog mRNA, complete cds//6.8e-103:495:97//Hs.67052:AF054179
 F-NT2RP2004841//Human transposon-like element mRNA//3.0e-70:519:83//Hs.84775:M23161
 F-NT2RP2004861//ESTs//6.7e-89:427:98//Hs.132980:AI290258
 F-NT2RP2004897//ESTs//6.4e-81:431:94//Hs.130961:N79111
 50 F-NT2RP2004933//Homo sapiens mRNA for ZIP-kinase, complete cds//6.5e-84:418:95//Hs.25619:AB007144
 F-NT2RP2004936
 F-NT2RP2004959
 F-NT2RP2004961//Human mRNA for KIAA0065 gene, partial cds//7.2e-26:456:66//Hs.70617:D31763
 F-NT2RP2004962//EST//2.8e-15:242:69//Hs.146794:AI149478
 55 F-NT2RP2004967//ESTs//0.0022:218:63//Hs.131987:AI239735
 F-NT2RP2004978//Homo sapiens mRNA for KIAA0458 protein, complete cds//1.0:218:61//Hs.7414:AB007927
 F-NT2RP2004982//Human kinesin-like spindle protein HKSP (HKSP) mRNA, complete cds//0.13:260:60//Hs.41723:U37426

F-NT2RP2004985//Human mRNA for KIAA0144 gene, complete cds//4.8e-22:431:65//Hs.8127:D63478
 F-NT2RP2004999
 F-NT2RP2005000//Homo sapiens hyperpolarization-activated channel 1 (IH1) mRNA, partial cds//0.99:269:58//
 Hs.124161:AF065164
 5 F-NT2RP2005001//Homo sapiens mRNA for KIAA0615 protein, complete cds//1.9e-160:782:97//Hs.155972:
 AB014515
 F-NT2RP2005003//H.sapiens Staf50 mRNA//9.9e-44:430:75//Hs.68054:X82200
 F-NT2RP2005012//Homo sapiens SEC63 (SEC63) mRNA, complete cds//4.5e-100:501:96//Hs.31575:AF100141
 F-NT2RP2005018//Arachidonate 5-lipoxygenase//1.0:232:58//Hs.89499:J03600
 10 F-NT2RP2005020//ESTs//1.2e-06:61:100//Hs.106160:AA527433
 F-NT2RP2005022//Eukaryotic translation initiation factor 3 (eIF-3) p36 subunit//0.095:271:60//Hs.139745:U39067
 F-NT2RP2005031//Homo sapiens mRNA for SCP-1, complete cds//0.99:338:61//Hs.112743:D67035
 F-NT2RP2005037//Homo sapiens mRNA for repressor protein, partial cds//0.098:217:60//Hs.58167:D30612
 F-NT2RP2005038//Homo sapiens protease-activated receptor 4 mRNA, complete cds//0.22:498:59//Hs.137574:
 15 AF055917
 F-NT2RP2005108//ESTs//0.74:145:63//Hs.116557:AA657838
 F-NT2RP2005116//Homo sapiens mRNA for KIAA0664 protein, partial cds//6.4e-105:495:98//Hs.22616:
 AB014564
 F-NT2RP2005126//H.sapiens mRNA for RNA helicase (Myc-regulated dead box protein)//9.2e-29:157:98//Hs.
 20 100555:X98743
 F-NT2RP2005139//ESTs//2.6e-91:479:95//Hs.125037:W42803
 F-NT2RP2005140//ESTs//0.81:308:59//Hs.27308:AA534947
 F-NT2RP2005144//Homo sapiens tubby like protein 3 (TULP3) mRNA, complete cds//8.3e-91:447:96//Hs.132226:
 AF045583
 25 F-NT2RP2005147
 F-NT2RP2005159//ESTs//1.5e-44:242:94//Hs.109819:AI357582
 F-NT2RP2005162//ESTs, Weakly similar to Y53C12A.3 [C.elegans]//0.97:80:73//Hs.107747:AI357868
 F-NT2RP2005168//Homo sapiens mRNA for E1B-55kDa-associated protein//4.4e-127:633:96//Hs.155218:
 AJ007509
 30 F-NT2RP2005204//H.sapiens 5T4 gene for 5T4 Oncofetal antigen//0.0034:187:66//Hs.82128:AJ012159
 F-NT2RP2005227//Homo sapiens PAC clone DJ0905J08 from 7p12-p14//1.3e-66:340:95//Hs.8173:AC005189
 F-NT2RP2005239//EST//1.3e-05:215:66//Hs.129528:AA994783
 F-NT2RP2005254//H.sapiens mRNA for PHAPI2b protein//1.0:101:71//Hs.84264:U70439
 F-NT2RP2005270//Homo sapiens creatine transporter mRNA, complete cds//0.56:114:68//Hs.154503:U36341
 35 F-NT2RP2005276//Homo sapiens acyl-CoA synthetase 4 (ACS4) mRNA, complete cds//1.2e-40:594:65//Hs.
 81452:AF030555
 F-NT2RP2005287//ESTs//8.2e-07:175:70//Hs.117134:AI383932
 F-NT2RP2005288//Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete cds//2.3e-123:604:96//
 Hs.27007:AF060219
 40 F-NT2RP2005289//Homo sapiens mRNA for XPR2 protein//1.3e-141:670:98//Hs.44766:AJ007590
 F-NT2RP2005293//EST//1.9e-50:254:98//Hs.162017:AA505833
 F-NT2RP2005315//Homo sapiens mRNA for KIAA0676 protein, partial cds//3.6e-97:483:96//Hs.115763:
 AB014576
 F-NT2RP2005325//Human LIM-homeobox domain protein (hLH-2) mRNA, complete cds//2.6e-23:166:90//Hs.
 45 1569:U11701
 F-NT2RP2005336//Homo sapiens snRNA activating protein complex 190kD subunit (SNAP190) mRNA, complete
 cds//0.016:353:62//Hs.113265:AF032387
 F-NT2RP2005344//Homo sapiens mRNA for KIAA0566 protein, partial cds//2.8e-30:456:66//Hs.44697:AB011138
 F-NT2RP2005354//ESTs//0.71:192:60//Hs.39063:AA708958
 50 F-NT2RP2005358//Homo sapiens methyl-CpG binding protein MBD3 (MBD3) mRNA, complete cds//1.4e-100:
 489:96//Hs.107254:AC005943
 F-NT2RP2005360//ESTs//8.2e-35:190:95//Hs.163038:AA700122
 F-NT2RP2005393//Homo sapiens CTG26 alternate open reading frame mRNA, complete cds//0.87:244:59//Hs.
 113252:U80761
 55 F-NT2RP2005407
 F-NT2RP2005436//Homo sapiens mRNA for KIAA0561 protein, partial cds//0.28:338:57//Hs.6189:AB011133
 F-NT2RP2005441//ESTs//3.3e-45:238:96//Hs.5209:AA780068
 F-NT2RP2005453//ESTs//2.1e-20:115:99//Hs.133087:AI091164

- F-NT2RP2005457//ESTs, Highly similar to NADH-UBIQUINONE OXIDOREDUCTASE SUBUNIT B14.5B [Bos taurus]//8.5e-48:295:90//Hs.75017:AA166853
 F-NT2RP2005464//ESTs//2.0e-99:495:96//Hs.3530:AA808243
 F-NT2RP2005465//V-crk avian sarcoma virus CT10 oncogene homolog//0.032:176:64//Hs.16:D10656
 5 F-NT2RP2005472//ESTs//1.4e-34:180:98//Hs.158892:AD78412
 F-NT2RP2005476//Homo sapiens mRNA for KIAA0772 protein, complete cds//9.9e-48:432:77//Hs.15519:AB018315
 F-NT2RP2005490//ESTs//4.5e-19:165:84//Hs.134382:AA083573
 F-NT2RP2005491
 10 F-NT2RP2005495//ESTs//5.6e-96:452:99//Hs.145417:AI084164
 F-NT2RP2005496//Human mRNA for KIAA0326 gene, partial cds//4.4e-48:621:68//Hs.6833:AB002324
 F-NT2RP2005498//Human protein phosphatase 2A beta subunit mRNA, complete cds//1.6e-63:503:78//Hs.7688:M64930
 F-NT2RP2005501//Homo sapiens Notch3 (NOTCH3) mRNA, complete cds//0.56:139:66//Hs.8546:U97669
 15 F-NT2RP2005509//Glutamate-cysteine ligase (gamma-glutamylcysteine synthetase), regulatory (30.8kD)//1.0:291:59//Hs.89709:L35546
 F-NT2RP2005520//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds//1.2e-82:444:92//Hs.119023:AF092563
 F-NT2RP2005525//Homo sapiens mRNA for KIAA0764 protein, complete cds//2.2e-19:112:99//Hs.6232:AB018307
 20 F-NT2RP2005531//ESTs, Weakly similar to erythrocyte membrane protein 4.1 [H.sapiens]//3.5e-50:366:83//Hs.61833:AA036735
 F-NT2RP2005539//Homo sapiens mRNA for NS1-binding protein (NS1-BP)//9.4e-155:747:97//Hs.159597:AJ012449
 25 F-NT2RP2005540//Homo sapiens mRNA for KIAA0494 protein, complete cds//1.9e-131:618:98//Hs.62515:AB007963
 F-NT2RP2005549//ESTs, Weakly similar to HYPOTHETICAL 32.0 KD PROTEIN C16C10.10 IN CHROMOSOME III [C.elegans]//2.5e-51:292:93//Hs.105684:H24407
 F-NT2RP2005555//EST//0.046:308:57//Hs.145962:AI276822
 30 F-NT2RP2005557//ESTs//4.6e-48:382:79//Hs.125014:AI422839
 F-NT2RP2005581//ESTs//6.3e-28:166:93//Hs.87803:AA034436
 F-NT2RP2005600//ESTs//1.6e-40:228:93//Hs.160085:AI218627
 F-NT2RP2005605//ESTs//5.7e-13:115:86//Hs.37718:H60071
 F-NT2RP2005620//Homo sapiens epsin 2b mRNA, complete cds//3.1e-92:447:97//Hs.22396:AF062085
 35 F-NT2RP2005622//ESTs//0.16:242:63//Hs.136395:AA523702
 F-NT2RP2005635
 F-NT2RP2005637//ESTs//0.055:96:69//Hs.105998:R90905
 F-NT2RP2005640//ESTs//4.5e-16:107:92//Hs.150823:AI292145
 F-NT2RP2005645//ESTs//2.7e-29:181:90//Hs.121653:AI375440
 40 F-NT2RP2005651//Oxysterol binding protein//0.00011:122:69//Hs.1433065:M86917
 F-NT2RP2005654//Homo sapiens mRNA for KIAA0288 gene, complete cds//1.5e-08:351:62//Hs.91400:AB006626
 F-NT2RP2005669//ESTs//0.016:185:64//Hs.97713:AA442239
 F-NT2RP2005675//Homo sapiens growth suppressor related (DOC-1R) mRNA, complete cds//7.7e-96:462:98//Hs.25664:AF089814
 45 F-NT2RP2005683//ESTs//0.83:242:62//Hs.136395:AA523702
 F-NT2RP2005690//PYRROLINE-5-CARBOXYLATE REDUCTASE//2.5e-11:328:61//Hs.79217:M77836
 F-NT2RP2005694
 F-NT2RP2005701//Homo sapiens protein phosphatase 2A B56-epsilon (PP2A) mRNA, complete cds//0.15:496:55//Hs.79326:L76703
 50 F-NT2RP2005712//Homo sapiens mRNA for KIAA0799 protein, partial cds//5.1e-126:599:97//Hs.61638:AB018342
 F-NT2RP2005719//ESTs//0.58:326:60//Hs.157209:N57527
 F-NT2RP2005722//Zinc finger protein 136 (clone pHZ-20)//8.2e-46:415:77//Hs.69740:U09367
 55 F-NT2RP2005723//ESTs//1.0e-15:141:81//Hs.163747:AA174017
 F-NT2RP2005726//EST//3.4e-15:96:95//Hs.156170:AI334191
 F-NT2RP2005732//ESTs//0.99:162:62//Hs.154914:AA721086
 F-NT2RP2005741//Homo sapiens chondroadherin gene, 5'flanking region and//0.80:362:58//Hs.97220:U96769

EP 1 074 617 A2

F-NT2RP2005748//H.sapiens ZNF33B gene//0.47:99:65//Hs.72991:X68688
 F-NT2RP2005752//Homo sapiens TNFR-related death receptor-6 (DR6) mRNA, complete cds//2.5e-23:134:96//
 Hs.159651:AF068868
 F-NT2RP2005753//Homo sapiens I-1 receptor candidate protein mRNA, complete cds//4.0e-102:486:98//Hs.
 5 26285:AF082516
 F-NT2RP2005763//EUKARYOTIC INITIATION FACTOR 4A-LIKE NUK-34//2.3e-05:425:56//Hs.79768:D21853
 F-NT2RP2005767//Homolog 2 of Drosophila large discs//0.085:262:61//Hs.23205:X82895
 F-NT2RP2005773//PYRROLINE-5-CARBOXYLATE REDUCTASE//2.0e-16:153:82//Hs.79217:M77836
 F-NT2RP2005775//Human thimet oligopeptidase (THOP1) mRNA, complete cds//1.7e-42:645:64//Hs.78769:
 10 Z50115
 F-NT2RP2005781//ESTs//1.1e-19:132:90//Hs.13550:AI378556
 F-NT2RP2005784//Inhibitor of DNA binding 4, dominant negative helix-loop-helix protein//2.9e-06:201:67//Hs.
 34853:U28368
 F-NT2RP2005804//ESTs//1.2e-07:62:93//Hs.125509:AA883820
 15 F-NT2RP2005812
 F-NT2RP2005815//ESTs//1.9e-32:173:97//Hs.144587:AI193595
 F-NT2RP2005835
 F-NT2RP2005841//Homo sapiens retinal rod Na-Ca+K exchanger (NCKX1) mRNA, complete cds//0.94:148:65//
 Hs.59829:AB014602
 20 F-NT2RP2005853
 F-NT2RP2005857//Homo sapiens chromosome-associated protein-C (hCAP-C) mRNA, partial cds//5.4e-176:829:
 98//Hs.50758:AF092564
 F-NT2RP2005859//ESTs//2.1e-97:537:92//Hs.131915:W22567
 F-NT2RP2005868
 25 F-NT2RP2005886//Human putative M phase phosphoprotein 1 (MPP1) mRNA, partial cds//0.26:728:57//Hs.240:
 L16782
 F-NT2RP2005890//ESTs//2.0e-97:453:100//Hs.88671:AA279943
 F-NT2RP2005901//ESTs//0.99:188:64//Hs.28639:R78360
 F-NT2RP2005908//ESTs//2.5e-43:325:82//Hs.152340:AA521399
 30 F-NT2RP2005933//ESTs, Highly similar to nucleoporin p54 [R.norvegicus]//7.9e-90:326:98//Hs.156882:
 AA292186
 F-NT2RP2005942//H.sapiens PAP mRNA//5.1e-48:618:67//Hs.49007:X76770
 F-NT2RP2005980//ESTs//2.8e-22:358:68//Hs.125446:AA883339
 F-NT2RP2006023
 35 F-NT2RP2006038//ESTs//8.0e-37:351:74//Hs.128787:AA418382
 F-NT2RP2006043//Human novel homeobox mRNA for a DNA binding protein//0.51:271:59//Hs.37035:U07664
 F-NT2RP2006052//ESTs//4.0e-05:233:63//Hs.124864:AA663093
 F-NT2RP2006069//Human mRNA for KIAA0279 gene, partial cds//0.0082:770:58//Hs.57652:D87469
 F-NT2RP2006071//ESTs//2.1e-24:396:65//Hs.104404:AI337416
 40 F-NT2RP2006098//ESTs//0.97:125:67//Hs.97996:AA405970
 F-NT2RP2006100
 F-NT2RP2006103//ESTs//5.2e-11:102:83//Hs.125656:AA883135
 F-NT2RP2006106//ESTs//1.6e-78:456:90//Hs.133496:AA315349
 F-NT2RP2006141//ESTs//1.7e-20:262:72//Hs.128677:AA649240
 45 F-NT2RP2006166
 F-NT2RP2006184//H.sapiens p63 mRNA for transmembrane protein//1.0:94:73//Hs.74368:X69910
 F-NT2RP2006186//Homo sapiens mRNA for KIAA0654 protein, partial cds//2.5e-114:567:96//Hs.109299:
 AB014554
 F-NT2RP2006196//Homo sapiens mRNA for KIAA0772 protein, complete cds//2.0e-23:187:85//Hs.15519:
 50 AB018315
 F-NT2RP2006200//ESTs//1.0:224:62//Hs.144100:AI205503
 F-NT2RP2006219//H.sapiens mRNA for DGCR6 protein//4.4e-118:618:93//Hs.153910:X96484
 F-NT2RP2006237
 F-NT2RP2006238
 55 F-NT2RP2006258//ESTs//0.0034:143:69//Hs.145798:AI269970
 F-NT2RP2006261//H.sapiens mRNA for serine/threonine protein kinase EMK//0.019:111:71//Hs.157199:X97630
 F-NT2RP2006275//Homo sapiens mRNA for serin protease with IGF-binding motif, complete cds//2.4e-05:388:
 60//Hs.75111:D87258

- F-NT2RP2006312//Homo sapiens BAF57 (BAF57) gene, complete cds//2.1e-121:598:97//Hs.3404:AF035262
 F-NT2RP2006320//ESTs, Moderately similar to maternal transcript Maid [M.musculus]//1.9e-29:151:100//Hs.36794:AI038407
 F-NT2RP2006321//ESTs//7.0e-15:141:82//Hs.71241:H09371
 5 F-NT2RP2006323//Homo sapiens mRNA for NBPhox, complete cds//4.7e-06:170:70//Hs.87202:D82344
 F-NT2RP2006333//Homo sapiens TRRAP protein (TRRAP) mRNA, complete cds//0.11:43:100//Hs.6892:AF076974
 F-NT2RP2006334//Homo sapiens mRNA for KIAA0602 protein, partial cds//3.1e-05:233:65//Hs.37656:AB011174
 F-NT2RP2006365//ESTs//8.9e-46:268:93//Hs.58403:AA058501
 10 F-NT2RP2006393//ESTs//1.2e-20:159:86//Hs.146018:AA280341
 F-NT2RP2006436//Human homeodomain-containing protein (HANF) mRNA, complete cds//0.59:133:64//Hs.95838:AF059734
 F-NT2RP2006441//ESTs//1.6e-82:400:98//Hs.143514:AI221934
 F-NT2RP2006454//EST//5.2e-07:172:68//Hs.157742:AI360509
 15 F-NT2RP2006456
 F-NT2RP2006464//Homo sapiens mRNA for AND-1 protein//1.1e-149:545:98//Hs.72160:AJ006266
 F-NT2RP2006467
 F-NT2RP2006472
 F-NT2RP2006534//ESTs//5.6e-05:192:66//Hs.135750:AA160048
 20 F-NT2RP2006554//EST//0.60:116:65//Hs.160110:AA922134
 F-NT2RP2006565//Homo sapiens secretory carrier-associated membrane protein (SCAMP) mRNA, complete cds//2.1e-115:669:90//Hs.31218:AF038966
 F-NT2RP2006571//Cytochrome P450, subfamily IIA (phenobarbital-inducible), polypeptide 6//2.1e-24:476:64//Hs.73864:U22029
 25 F-NT2RP2006573
 F-NT2RP2006598//ESTs//1.3e-16:137:85//Hs.131350:AA805223
 F-NT2RP3000002//ESTs//3.6e-32:215:86//Hs.155446:AA188180
 F-NT2RP3000031//Homo sapiens mRNA for histone deacetylase-like protein (JM21)//1.9e-137:637:98//Hs.6764:AJ011972
 30 F-NT2RP3000046//Homo sapiens TTF-I interacting peptide 20 mRNA, partial cds//9.1e-07:568:61//Hs.79531:AF000560
 F-NT2RP3000047
 F-NT2RP3000050//Human repressor transcriptional factor (ZNF85) mRNA, complete cds//1.2e-58:633:69//Hs.37138:U35376
 35 F-NT2RP3000055//ESTs//1.2e-07:200:66//Hs.127362:AA954961
 F-NT2RP3000068
 F-NT2RP3000072//EST//0.99:199:63//Hs.8469:T40769
 F-NT2RP3000080//Landsteiner-Wiener blood group glycoprotein//4.8e-41:353:78//Hs.108287:L27670
 F-NT2RP3000085//Propionyl-coA carboxylase alpha chain//7.9e-30:665:60//Hs.80741:X14608
 40 F-NT2RP3000092//EST//2.0e-15:94:97//Hs.145389:AI253140
 F-NT2RP3000109//ESTs//6.8e-11:77:96//Hs.153931:AI243595
 F-NT2RP3000134//Homo sapiens PAC clone DJ0905J08 from 7p12-p14//5.0e-94:438:100//Hs.8173:AC005189
 F-NT2RP3000142//Homo sapiens mRNA for KIAA0592 protein, partial cds//2.9e-182:849:98//Hs.13273:AB011164
 45 F-NT2RP3000149//Human Line-1 repeat mRNA with 2 open reading frames//4.1e-20:133:94//Hs.23094:M19503
 F-NT2RP3000186//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0492//6.6e-08:152:71//Hs.127338:AB007961
 F-NT2RP3000197//ESTs//1.1e-58:301:96//Hs.87461:AA292779
 F-NT2RP3000207
 50 F-NT2RP3000220
 F-NT2RP3000233//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//6.6e-20:509:58//Hs.122967:AF059569
 F-NT2RP3000235//ESTs//1.7e-06:220:62//Hs.42771:N26740
 F-NT2RP3000247//Human mRNA for KIAA0218 gene, complete cds//6.7e-111:691:86//Hs.75863:D86972
 55 F-NT2RP3000251//ESTs//6.7e-48:245:97//Hs.28249:AA203733
 F-NT2RP3000252
 F-NT2RP3000255
 F-NT2RP3000267//ESTs//0.14:53:92//Hs.151586:W45568

F-NT2RP3000299//Homo sapiens enhancer of filamentation (HEF1) mRNA, complete cds//1.7e-13:214:67//Hs.80261:L43821
 F-NT2RP3000312//ESTs//2.6e-50:255:97//Hs.146263:AA255863
 F-NT2RP3000320//Homo sapiens proline and glutamic acid rich nuclear protein isoform mRNA, partial cds//
 5 0.0088:236:63//Hs.102732:U88153
 F-NT2RP3000324//ESTs//3.8e-10:102:83//Hs.55495:AI091242
 F-NT2RP3000333//ESTs, Weakly similar to mitogen-activated kinase kinase kinase 5 [H.sapiens]//0.57:189:65//
 Hs.46146:AA418097
 F-NT2RP3000341//Human mRNA for KIAA0392 gene, partial cds//1.1e-49:442:78//Hs.40100:AB002390
 10 F-NT2RP3000348
 F-NT2RP3000350//H.sapiens mRNA for GTP-binding protein//0.93:164:59//Hs.78582:X80754
 F-NT2RP3000359//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL//1.8e-43:649:66//Hs.101642:
 X60673
 F-NT2RP3000361//ESTs//2.6e-112:531:98//Hs.17672:AA305921
 15 F-NT2RP3000366//ESTs, Highly similar to RAS-RELATED PROTEIN RAB-18A [Lymnaea stagnalis]//4.0e-116:
 596:95//Hs.21094:AI337016
 F-NT2RP3000393//ESTs//2.6e-18:137:89//Hs.115600:AA351639
 F-NT2RP3000397//ESTs//8.7e-44:355:73//Hs.121961:AA777873
 F-NT2RP3000403//Homo sapiens formin binding protein 21 mRNA, complete cds//1.6e-175:841:97//Hs.28307:
 20 AF071185
 F-NT2RP3000418//Human Line-1 repeat mRNA with 2 open reading frames//2.7e-33:610:65//Hs.23094:M19503
 F-NT2RP3000433//ESTs//1.5e-32:246:69//Hs.120892:AA724948
 F-NT2RP3000439//Adenosine A2b receptor//0.44:210:62//Hs.45743:X68487
 F-NT2RP3000441
 25 F-NT2RP3000449//ESTs//0.60:177:64//Hs.132605:AI051562
 F-NT2RP3000451//Receptor protein-tyrosine kinase EDDR1//0.95:315:58//Hs.75562:U48705
 F-NT2RP3000456//ESTs//7.5e-23:140:92//Hs.5209:AA780068
 F-NT2RP3000484//EST//2.5e-06:166:67//Hs.149950:AI289822
 F-NT2RP3000487//ESTs//1.2e-63:311:98//Hs.143304:AI084058
 30 F-NT2RP3000512//Homeo box B3//3.1e-18:109:97//Hs.49931:X16667
 F-NT2RP3000526//ESTs//3.7e-74:424:93//Hs.42991:N21379
 F-NT2RP3000527//Human mRNA for KIAA0211 gene, complete cds//8.0e-36:706:63//Hs.79347:D86966
 F-NT2RP3000531//ESTs//9.6e-75:392:95//Hs.144148:H08308
 F-NT2RP3000542//ESTs//3.2e-88:448:96//Hs.30622:AA486412
 35 F-NT2RP3000561//EST//0.88:92:64//Hs.148290:AA908404
 F-NT2RP3000562//ESTs//1.1e-112:522:99//Hs.125153:AA453723
 F-NT2RP3000578
 F-NT2RP3000582//ESTs//2.1e-82:413:97//Hs.118544:R17277
 F-NT2RP3000584
 40 F-NT2RP3000590//ESTs//1.0:134:64//Hs.12969:N56904
 F-NT2RP3000592//Paired basic amino acid cleaving system 4//3.4e-05:502:57//Hs.77234:AB001914
 F-NT2RP3000596//ESTs//6.8e-71:361:95//Hs.118741:AA179811
 F-NT2RP3000599//ESTs, Weakly similar to T19B10.6 [C.elegans]//9.3e-61:355:92//Hs.114622:AA693492
 F-NT2RP3000603//Human mRNA for KIAA0227 gene, partial cds//6.3e-10:553:59//Hs.79170:D86980
 45 F-NT2RP3000605//ESTs//5.8e-51:283:94//Hs.127152:AI421203
 F-NT2RP3000622//ESTs//1.7e-10:72:98//Hs.155360:AA984683
 F-NT2RP3000624//64 KD AUTOANTIGEN D1//0.99:194:61//Hs.79386:X54162
 F-NT2RP3000628//ESTs//0.96:221:61//Hs.131161:AI017333
 F-NT2RP3000632//ESTs//4.4e-53:244:77//Hs.143010:AA767904
 50 F-NT2RP3000644//Small inducible cytokine A5 (RANTES)//3.0e-49:343:84//Hs.155464:AF088219
 F-NT2RP3000661
 F-NT2RP3000665//Homo sapiens putative transcription factor CA150 mRNA, complete cds//0.62:305:59//Hs.
 13063:AF017789
 F-NT2RP3000685
 55 F-NT2RP3000690//EST//1.0:149:64//Hs.140263:AA709001
 F-NT2RP3000736//ESTs//5.3e-26:146:97//Hs.98613:D83884
 F-NT2RP3000739//ESTs//0.0046:66:87//Hs.6880:W26854
 F-NT2RP3000742//ESTs//5.5e-08:311:61//Hs.152224:AI369426

F-NT2RP3000753//ESTs//2.6e-63:318:97//Hs.153000:AA777765
 F-NT2RP3000759//Homo sapiens mRNA for follistatin-related protein (FRP), complete cds//1.6e-38:245:91//Hs.2427:D89937
 F-NT2RP3000815
 5 F-NT2RP3000825//EST//1.0:220:61//Hs.135944:N45132
 F-NT2RP3000826//Homo sapiens deltex (Dx) mRNA, complete cds//0.00040:263:65//Hs.124024:AF053700
 F-NT2RP3000836//ESTs, Highly similar to CLATHRIN COAT ASSEMBLY PROTEIN AP47 HOMOLOG 2 [H.sapiens]//1.1e-71:363:96//Hs.23803:AA126476
 F-NT2RP3000841//EST//0.36:224:60//Hs.162094:AA524012
 10 F-NT2RP3000845//H.sapiens mRNA for serine/threonine protein kinase EMK//6.5e-48:593:68//Hs.157199:X97630
 F-NT2RP3000847//ESTs//0.0028:56:92//Hs.116406:AA209520
 F-NT2RP3000850//Small inducible cytokine A5 (RANTES)//2.0e-49:323:86//Hs.155464:AF088219
 F-NT2RP3000852
 15 F-NT2RP3000859//ESTs//0.39:169:62//Hs.148948:AA699918
 F-NT2RP3000865//EST//0.15:236:62//Hs.123366:AA811476
 F-NT2RP3000868//Human ovarian cancer downregulated myosin heavy chain homolog (Doc1) mRNA, complete cds//6.4e-31:766:60//Hs.15432:U53445
 F-NT2RP3000869//Human plectin (PLEC1) mRNA, complete cds//1.1e-13:701:60//Hs.79706:U53204
 20 F-NT2RP3000875
 F-NT2RP3000901//ESTs//8.2e-26:191:87//Hs.18793:R99101
 F-NT2RP3000904//EST//2.4e-49:240:100//Hs.160842:AI348374
 F-NT2RP3000917
 F-NT2RP3000919//MAP KINASE PHOSPHATASE-1//0.19:340:60//Hs.109895:X68277
 25 F-NT2RP3000968//40S RIBOSOMAL PROTEIN S15A//7.7e-44:351:83//Hs.2953:X84407
 F-NT2RP3000980//ESTs//6.5e-10:102:81//Hs.86950:AI204212
 F-NT2RP3000994//ESTs//4.1e-120:571:98//Hs.127295:AA918411
 F-NT2RP3001004//ESTs//1.1e-76:438:88//Hs.144554:N92198
 F-NT2RP3001007
 30 F-NT2RP3001055//ESTs, Weakly similar to weak similarity to procollagen alpha chain 1(V) chain [C.elegans]//2.9e-121:588:98//Hs.128781:AA160707
 F-NT2RP3001057//ESTs, Highly similar to ZINC FINGER PROTEIN 45 [Homo sapiens]//9.8e-54:282:97//Hs.30303:AI244662
 F-NT2RP3001081//Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete cds//2.7e-51:534:74//Hs.27007:AF060219
 35 F-NT2RP3001084//Homo sapiens mRNA for KIAA0782 protein, partial cds//3.7e-16:474:60//Hs.21264:AB018325
 F-NT2RP3001096//Homo sapiens mRNA for cartilage-associated protein (CASP)//4.4e-16:428:60//Hs.155481:AJ006470
 F-NT2RP3001107//Human mRNA for KIAA0215 gene, complete cds//2.8e-34:712:64//Hs.82292:D86969
 40 F-NT2RP3001109//ESTs//1.2e-67:323:99//Hs.134734:AI337050
 F-NT2RP3001111
 F-NT2RP3001113//EST//1.1e-33:173:99//Hs.112640:AA609088
 F-NT2RP3001115//EST//1.3e-22:122:100//Hs.162990:AA688023
 F-NT2RP3001116//ESTs//1.1e-15:93:98//Hs.58412:W74779
 45 F-NT2RP3001119//Homo sapiens BC-2 protein mRNA, complete cds//0.96:258:61//Hs.12107:AF042384
 F-NT2RP3001120//Zinc finger protein 136 (clone pHZ-20)//2.4e-77:687:75//Hs.69740:U09367
 F-NT2RP3001126//Homo sapiens mRNA for KIAA0775 protein, complete cds//0.00018:341:60//Hs.94790:AB018318
 F-NT2RP3001133//Homeo box A4//0.00011:484:59//Hs.77637:M74297
 50 F-NT2RP3001140//Homo sapiens mRNA for KIAA0762 protein, partial cds//1.1e-180:851:98//Hs.5378:AB018305
 F-NT2RP3001147
 F-NT2RP3001150//PUTATIVE TACHYKININ RECEPTOR//0.97:257:59//Hs.957:M84605
 F-NT2RP3001155//Homo sapiens mRNA for AND-1 protein//1.7e-191:891:98//Hs.72160:AJ006266
 F-NT2RP3001176
 55 F-NT2RP3001214//EST//0.88:218:60//Hs.161147:AI417859
 F-NT2RP3001216//ESTs//1.5e-66:340:96//Hs.105994:W19981
 F-NT2RP3001221//ESTs, Weakly similar to M05D6.7 [C.elegans]//1.7e-97:512:95//Hs.103816:AA130866
 F-NT2RP3001232//EST//0.0016:116:71//Hs.136498:AA594010

F-NT2RP3001236//ESTs//3.7e-97:455:99//Hs.157488:AI362756
 F-NT2RP3001239//MICROTUBULE-ASSOCIATED PROTEIN 1B//1.7e-20:501:62//Hs.103042:L06237
 F-NT2RP3001245//ESTs//7.1e-80:434:93//Hs.22587:AA743132
 F-NT2RP3001253//Human prepromultimerin mRNA, complete cds//0.99:293:60//Hs.32934:U27109
 5 F-NT2RP3001260//Homo sapiens mRNA for KIAA0726 protein, complete cds//1.2e-48:761:64//Hs.107809:
 AB018269
 F-NT2RP3001268//Zinc finger protein 45 (a Kruppel-associated box (KRAB) domain polypeptide)//1.2e-42:454:
 72//Hs.41728:L75847
 F-NT2RP3001272//ESTs//5.0e-21:162:87//Hs.69149:AA102566
 10 F-NT2RP3001274
 F-NT2RP3001281//ESTs//2.1e-39:186:73//Hs.161662:AA836811
 F-NT2RP3001297//Human mRNA for KIAA0281 gene, complete cds//2.4e-48:544:69//Hs.31463:D87457
 F-NT2RP3001307//Human homeodomain protein (Prox 1) mRNA, complete cds//0.72:151:68//Hs.159437:
 U44060
 15 F-NT2RP3001318//Amylo-1,6-glucosidase, 4-alpha-glucanotransferase (glycogen debranching enzyme, glyco-
 gen storage disease type III)//0.012:522:56//Hs.904:U84010
 F-NT2RP3001325//ESTs//2.9e-80:396:97//Hs.99838:AA204731
 F-NT2RP3001338//Human mRNA for KIAA0211 gene, complete cds//1.6e-30:345:73//Hs.79347:D86966
 F-NT2RP3001339//Homo sapiens mRNA for KIAA0451 protein, complete cds//6.3e-67:559:80//Hs.18586:
 20 AB007920
 F-NT2RP3001340//Homo sapiens hyperpolarization-activated channel 1 (IH1) mRNA, partial cds//0.00019:473:
 61//Hs.124161:AF065164
 F-NT2RP3001355//ESTs, Weakly similar to ADP,ATP CARRIER PROTEIN, LIVER ISOFORM T2 [H.sapiens]//
 1.1e-81:421:96//Hs.32508:H29831
 25 F-NT2RP3001356//Homo sapiens Nck-2 (NCK2) mRNA, complete cds//0.15:313:60//Hs.129725:AF047487
 F-NT2RP3001374//ESTs//0.98:269:59//Hs.125303:AA873022
 F-NT2RP3001383//Homo sapiens mRNA for Sck, partial cds//0.73:173:65//Hs.30965:AB001451
 F-NT2RP3001384//Homa sapiens mRNA for HRIHFB2018, partial cds//2.1e-158:743:98//Hs.146214:AB015332
 F-NT2RP3001392//ESTs//0.013:246:63//Hs.95111:AA514595
 30 F-NT2RP3001396//ESTs//5.6e-16:141:85//Hs.97664:H10783
 F-NT2RP3001398//Zinc finger protein 45 (a Kruppel-associated box (KRAB) domain polypeptide)//1.0e-05:189:
 66//Hs.41728:L75847
 F-NT2RP3001399//Homo sapiens mitochondrial citrate transport protein (CTP) mRNA, 3' end//0.77:132:66//Hs.
 111024:L77567
 35 F-NT2RP3001407//EST//0.015:167:65//Hs.42217:H96658
 F-NT2RP3001420//ESTs//1.0:214:60//Hs.91226:AA649047
 F-NT2RP3001426
 F-NT2RP3001427
 F-NT2RP3001428//Neurotrophic tyrosine kinase, receptor, type 1//1.8e-73:431:91//Hs.85844:X66397
 40 F-NT2RP3001432//ESTs, Moderately similar to !!!! ALU SUBFAMILY SX WARNING ENTRY !!!! [H.sapiens]//6.9e-
 05:195:65//Hs.115868:AA568393
 F-NT2RP3001447
 F-NT2RP3001449//RYANODINE RECEPTOR, SKELETAL MUSCLE//0.00033:187:68//Hs.89631:U48508
 F-NT2RP3001453//ESTs//0.020:260:60//Hs.97882:AA203212
 45 F-NT2RP3001457//ESTs//9.4e-29:165:94//Hs.71749:AA988323
 F-NT2RP3001459
 F-NT2RP3001472//Homo sapiens Sox-like transcriptional factor mRNA, complete cds//4.2e-10:168:70//Hs.32317:
 AF072836
 F-NT2RP3001490//ESTs//3.1e-35:198:94//Hs.163665:AA250877
 50 F-NT2RP3001495//ESTs//2.5e-47:239:98//Hs.128045:AA970231
 F-NT2RP3001497//Homo sapiens multiple membrane spanning receptor TRC8 (TRC8) mRNA, complete cds//
 2.8e-172:804:98//Hs.28285:AF064801
 F-NT2RP3001527//Human lymphoid-specific SP100 homolog (LYSP100-B) mRNA, complete cds//9.4e-139:743:
 91//Hs.85283:U36500
 55 F-NT2RP3001529//ESTs, Moderately similar to topoisomerase IC-terminal fragment [H.sapiens]//0.28:224:65//Hs.
 105912:AI431328
 F-NT2RP3001538//ESTs//4.1e-05:139:71//Hs.148425:AI198074
 F-NT2RP3001554//Microtubule-associated protein 1A//9.8e-16:327:64//Hs.147918:U38291

F-NT2RP3001580//Insulin-like growth factor binding protein 2//1.9e-06:426:59//Hs.162:X16302
 F-NT2RP3001587//Guanine nucleotide binding protein (G protein), alpha 11 (Gq class)//0.049:185:65//Hs.1686:M69013
 F-NT2RP3001589//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//9.6e-51:345:82//Hs.144563:AF057280
 5 F-NT2RP3001607//ESTs//1.3e-07:299:63//Hs.43231:N22688
 F-NT2RP3001608//ESTs//5.7e-14:85:98//Hs.161133:AI091349
 F-NT2RP3001621//ESTs//1.6e-106:310:96//Hs.128505:AA306435
 F-NT2RP3001629
 10 F-NT2RP3001634//Homo sapiens TRIAD1 type I mRNA, complete cds//1.4e-62:276:97//Hs.9899:AF099149
 F-NT2RP3001642//ESTs//1.0:148:63//Hs.159495:T70173
 F-NT2RP3001646
 F-NT2RP3001671//Homo sapiens mRNA for NS1-binding protein (NS1-BP)//1.1e-172:816:98//Hs.159597:AJ012449
 15 F-NT2RP3001672//ESTs//5.0e-16:138:82//Hs.151864:T69027
 F-NT2RP3001676//ESTs, Highly similar to GTP-BINDING PROTEIN LEPA [*Pseudomonas fluorescens*]//9.0e-53:375:85//Hs.41127:AA555184
 F-NT2RP3001678//Human mRNA for KIAA0233 gene, complete cds//0.21:321:65//Hs.79077:D87071
 F-NT2RP3001679//ESTs, Highly similar to HYPOTHETICAL 68.7 KD PROTEIN ZK757.1 IN CHROMOSOME III
 20 [*Caenorhabditis elegans*]//4.0e-111:518:99//Hs.20364:AI420022
 F-NT2RP3001688//Homo sapiens mRNA expressed in thyroid gland//1.0:230:63//Hs.7486:D83198
 F-NT2RP3001690//EST//0.15:291:59//Hs.162336:AA564329
 F-NT2RP3001698//ESTs//0.24:134:69//Hs.129551:AA885219
 F-NT2RP3001708//ESTs, Weakly similar to TWISTED GASTRULATION PROTEIN PRECURSOR [*D.melanogaster*]//1.4e-31:191:94//Hs.131279:AA486291
 25 F-NT2RP3001712//Human SLP-76 associated protein mRNA, complete cds//0.41:259:59//Hs.58435:AF001862
 F-NT2RP3001716//ESTs, Highly similar to BONE MORPHOGENETIC PROTEIN 1 PRECURSOR [*Mus musculus*]//7.6e-159:747:98//Hs.6823:W18181
 F-NT2RP3001724//Homo sapiens chromodomain-helicase-DNA-binding protein mRNA, complete cds//4.4e-161:565:97//Hs.159273:AF054177
 30 F-NT2RP3001727//ESTs, Highly similar to HYPOTHETICAL 37.7 KD PROTEIN ZK686.3 IN CHROMOSOME III [*Caenorhabditis elegans*]//3.5e-116:554:98//Hs.144332:AA046836
 F-NT2RP3001730//Human mRNA for KIAA0128 gene, partial cds//1.3e-105:811:78//Hs.90998:D50918
 F-NT2RP3001739
 35 F-NT2RP3001752//ELK1, member of ETS oncogene family//7.2e-35:299:80//Hs.116549:AL009172
 F-NT2RP3001753//Human putative cerebral cortex transcriptional regulator T-Brain-1 (Tbr-1) mRNA, complete cds//0.10:528:56//Hs.22138:U49250
 F-NT2RP3001764//Human protein-tyrosine phosphatase mRNA, complete cds//2.4e-47:725:64//Hs.41688:U27193
 40 F-NT2RP3001777//Human eukaryotic translation initiation factor (eIF3) mRNA, complete cds//0.42:198:61//Hs.57783:U78525
 F-NT2RP3001782//Homo sapiens mRNA for KIAA0459 protein, partial cds//9.1e-153:710:98//Hs.28169:AB007928
 F-NT2RP3001792//Human M4 protein mRNA, complete cds//5.6e-27:358:69//Hs.79024:L03532
 45 F-NT2RP3001799//ESTs//0.0088:178:64//Hs.134938:AI091361
 F-NT2RP3001819//Collagen, type IX, alpha 3//0.026:530:58//Hs.53563:L41162
 F-NT2RP3001844//Homo sapiens mRNA for hair keratin acidic 3-II//0.90:379:58//Hs.32950:X82634
 F-NT2RP3001854//ESTs//1.5e-100:501:96//Hs.72217:AA166729
 F-NT2RP3001855//Human homeobox-containing protein mRNA, complete cds//7.8e-35:481:67//Hs.158225:U68727
 50 F-NT2RP3001857//ESTs//2.7e-85:414:98//Hs.151001:AA564706
 F-NT2RP3001896//ESTs, Weakly similar to F20D12.3 gene product [*C.elegans*]//2.9e-94:452:98//Hs.54952:AA872675
 F-NT2RP3001898//Homo sapiens mRNA for synaptogyrin 1a//0.65:245:61//Hs.6139:AL022326
 55 F-NT2RP3001915//ESTs//1.1e-83:397:99//Hs.157125:AA723896
 F-NT2RP3001926//EST//0.53:362:57//Hs.127917:AA969185
 F-NT2RP3001929//ESTs//7.4e-16:141:82//Hs.138852:AA284247
 F-NT2RP3001931

EP 1 074 617 A2

F-NT2RP3001938//Cyclin-dependent kinase inhibitor 1C (p57, Kip2)//0.0022:268:61//Hs.106070:U22398
 F-NT2RP3001943//Homo sapiens mRNA for KIAA0675 protein, complete cds//5.8e-167:815:96//Hs.15869:
 AB014575
 F-NT2RP3001944//ESTs//0.00052:60:91//Hs.131731:AI339335
 5 F-NT2RP3001969
 F-NT2RP3001989//EST//0.00016:263:63//Hs.144096:AI032180
 F-NT2RP3002002//Small inducible cytokine A5 (RANTES)//4.0e-61:293:83//Hs.155464:AF088219
 F-NT2RP3002004//H.sapiens mRNA for FAST kinase//5.2e-28:104:100//Hs.75087:X86779
 F-NT2RP3002007//ESTs//0.025:88:69//Hs.163310:AA856946
 10 F-NT2RP3002014//ESTs//4.8e-70:291:98//Hs.123693:AA283821
 F-NT2RP3002033//Homo sapiens mRNA for HYA22, complete cds//0.021:175:67//Hs.147189:D88153
 F-NT2RP3002045//ESTs, Highly similar to ALPHA-ADAPTIN [M.musculus]//3.8e-48:353:81//Hs.127507:
 AA993745
 F-NT2RP3002054//ESTs, Weakly similar to KIAA0319 [H.sapiens]//3.0e-25:212:83//Hs.71622:AA195155
 15 F-NT2RP3002056//ESTs, Highly similar to RETINOBLASTOMA BINDING PROTEIN 1 [Homo sapiens]//4.2e-82:
 407:97//Hs.131888:AI091806
 F-NT2RP3002057//Human Line-1 repeat mRNA with 2 open reading frames//3.7e-21:168:85//Hs.23094:M19503
 F-NT2RP3002062//EST//0.46:198:62//Hs.157711:AI359710
 F-NT2RP3002063//Membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase, CALLA, CD10)//
 20 0.91:194:65//Hs.1298:J03779
 F-NT2RP3002081
 F-NT2RP3002097//Homo sapiens proline and glutamic acid rich nuclear protein isoform mRNA partial cds//0.073:
 297:61//Hs.102732:U88153
 F-NT2RP3002102//EST//2.8e-16:237:67//Hs.136255:T70256
 25 F-NT2RP3002108
 F-NT2RP3002142//ESTs//4.3e-138:654:98//Hs.5729:AA306018
 F-NT2RP3002146//H.sapiens mRNA for RanGTPase activating protein 1//0.27:276:62//Hs.5923:X82260
 F-NT2RP3002147//Human DNA sequence from clone 431H6 on chromosome 16. Contains a novel gene with
 some homology to mouse HN1 (Hematological and Neurological expressed sequence 1) downstream of a putative
 30 CpG island. Contains ESTs and GSSs//6.0e-51:204:99//Hs.107256:AL031009
 F-NT2RP3002151//G1 to S phase transition 1//2.6e-37:292:81//Hs.2707:X17644
 F-NT2RP3002163//Human DNA fragmentation factor-45 mRNA, complete cds//0.46:224:60//Hs.155344:U91985
 F-NT2RP3002165//ESTs, Highly similar to TRANSCRIPTIONAL REGULATOR PROTEIN HCNGP [Mus musculus]
 //3.0e-61:340:93//Hs.11379:AA594140
 35 F-NT2RP3002166//EST//0.039:114:69//Hs.140335:AA737046
 F-NT2RP3002173//ESTs, Weakly similar to HYPOTHETICAL 92.1 KD PROTEIN ZK1098.3 IN CHROMOSOME
 III [Caenorhabditis elegans]//4.0e-39:255:72//Hs.141429:AA631915
 F-NT2RP3002181//ESTs//3.6e-111:518:99//Hs.128505:AA30643
 F-NT2RP3002244//Myosin, heavy polypeptide 6, cardiac muscle, alpha (cardiomyopathy, hypertrophic1)//0.98:
 40 242:57//Hs.114001:Z20656
 F-NT2RP3002248
 F-NT2RP3002255//ESTs//8.4e-19:227:75//Hs.122817:AA772261
 F-NT2RP3002273//Homo sapiens homeobox protein A10 (HOXA10) gene, complete cds//0.42:189:62//Hs.
 110637:AC004080
 45 F-NT2RP3002276//ESTs//8.2e-97:463:98//Hs.45120:AA225139
 F-NT2RP3002303//ESTs//7.1e-10:96:87//Hs.135700:AA989386
 F-NT2RP3002304//Protein phosphatase 1, catalytic subunit, beta isoform//1.3e-05:496:60//Hs.21537:X80910
 F-NT2RP3002330//ESTs//1.3e-81:482:90//Hs.121460:AA744871
 F-NT2RP3002343//Homo sapiens potassium channel mRNA, complete cds//0.30:462:56//Hs.143624:AF033383
 50 F-NT2RP3002351//NAD-DEPENDENT METHYLENETETRAHYDROFOLATE DEHYDROGENASE//1.6e-65:
 588:75//Hs.154672:X16396
 F-NT2RP3002352//Homo sapiens mRNA for protein encoded by cxorf5 (71-7A) gene//4.2e-166:770:98//Hs.6483:
 Y16355
 F-NT2RP3002377//Homo sapiens mRNA for KIAA0788 protein, partial cds//7.5e-161:911:89//Hs.2397:Z70200
 55 F-NT2RP3002399
 F-NT2RP3002402//ESTs, Weakly similar to F02E9.6 [C.elegans]//4.3e-41:233:94//Hs.22880:AA056274
 F-NT2RP3002455//Homo sapiens mRNA for KIAA0678 protein, partial cds//3.9e-140:649:99//Hs.12707:
 AB014578

F-NT2RP3002484//ESTs//0.95:166:63//Hs.149993:AI291310
 F-NT2RP3002501//ESTs//0.92:43:90//Hs.119314:AA432108
 F-NT2RP3002512//Homo sapiens mRNA for KIAA0466 protein, partial cds//1.0:173:61//Hs.81234:AB007935
 F-NT2RP3002529//Human vacuolar protein sorting homolog h-vps45 mRNA, complete cds//4.4e-146:763:93//Hs.
 5 57738:U35246
 F-NT2RP3002545//Homo sapiens mRNA for KIAA0729 protein, partial cds//5.9e-180:833:98//Hs.19542:
 AB018272
 F-NT2RP3002549//ESTs, Weakly similar to POLYPOSIS LOCUS PROTEIN 1 [H.sapiens]//1.3e-42:510:70//Hs.
 96759:AA469984
 10 F-NT2RP3002566//Carnitine acetyltransferase//0.032:226:62//Hs.12068:X78706
 F-NT2RP3002587//EST//4.8e-31:330:74//Hs.139415:AA426054
 F-NT2RP3002590//EST//1.3e-40:202:100//Hs.144716:AI187919
 F-NT2RP3002602//RYANODINE RECEPTOR, SKELETAL MUSCLE//1.3e-06:280:63//Hs.89631:U48508
 F-NT2RP3002603
 15 F-NT2RP3002628//Homo sapiens mRNA for MSJ-1, complete cds//1.5e-05:264:61//Hs.3845:AB014888
 F-NT2RP3002631//Homo sapiens ADAM 21 mRNA, partial cds//0.97:320:58//Hs.121287:AF029900
 F-NT2RP3002650//Homo sapiens mRNA for cartilage-associated protein (CASP)//2.6e-13:441:63//Hs.155481:
 AJ006470
 F-NT2RP3002659//Human TAR RNA loop binding protein (TRP-185) mRNA, complete cds//1.7e-05:615:58//Hs.
 20 151518:U38847
 F-NT2RP3002660//ESTs//2.9e-32:164:100//Hs.152982:AA584308
 F-NT2RP3002663//ESTs, Highly similar to OXYSTEROL-BINDING PROTEIN [Homo sapiens]//4.1e-38:493:70//
 Hs.41086:AI337400
 F-NT2RP3002671//ESTs//3.7e-05:288:59//Hs.161359:AI421991
 25 F-NT2RP3002682//ESTs, Weakly similar to F17C11.8 [C.elegans]//1.6e-61:294:100//Hs.128750:AI367584
 F-NT2RP3002687
 F-NT2RP3002688//EST//1.0:312:58//Hs.156800:AI352200
 F-NT2RP3002701//EST//0.00083:55:87//Hs.159750:AI393657
 F-NT2RP3002713//ESTs//0.93:229:61//Hs.150459:AI279514
 30 F-NT2RP3002763//ESTs//1.7e-97:419:96//Hs.121593:W86291
 F-NT2RP3002770//Homo sapiens G protein-coupled receptor kinase 6 (GRK6) gene, partial cds//0.91:161:62//
 Hs.129736:AF040753
 F-NT2RP3002785
 F-NT2RP3002799//EST//1.7e-17:199:73//Hs.118694:AA148713
 35 F-NT2RP3002810//ESTs, Weakly similar to KIAA0062 [H.sapiens]//1.4e-76:423:93//Hs.41068:AA844350
 F-NT2RP3002818//Homo sapiens jerky gene product homolog mRNA, complete cds//2.2e-55:615:70//Hs.105940:
 AF004715
 F-NT2RP3002861//ESTs//1.1e-88:468:94//Hs.159821:AA524070
 F-NT2RP3002869//ESTs//3.4e-23:132:97//Hs.148873:T33582
 40 F-NT2RP3002876//Homo sapiens mRNA for B120, complete cds//2.7e-90:557:88//Hs.123090:AB001895
 F-NT2RP3002877//ESTs//1.1e-19:160:84//Hs.118273:AA626040
 F-NT2RP3002909//Homo sapiens mRNA for KIAA0771 protein, partial cds//1.8e-181:853:98//Hs.6162:AB018314
 F-NT2RP3002911//ESTs//2.8e-07:160:70//Hs.140402:AI138765
 F-NT2RP3002948//ESTs, Highly similar to RING CANAL PROTEIN [Drosophila melanogaster]//1.4e-133:645:97//
 45 Hs.3826:U69560
 F-NT2RP3002953//Homo sapiens mRNA for KIAA0588 protein, complete cds//5.2e-13:594:57//Hs.74599:
 AB011160
 F-NT2RP3002955//Homo sapiens mRNA for KIAA0719 protein, complete cds//0.76:412:57//Hs.21198:AB018262
 F-NT2RP3002969//EST//3.7e-50:272:94//Hs.162331:AA563870
 50 F-NT2RP3002972//Homo sapiens PAC clone DJ130H16 from 22q12.1-qter//5.1e-35:361:75//Hs.8003:AC004997
 F-NT2RP3002978//ESTs//2.8e-46:253:95//Hs.151924:AI287703
 F-NT2RP3002985//Human TFIIIB related factor hBRF (HBRF) mRNA, complete cds//0.071:550:58//Hs.32935:
 U28838
 F-NT2RP3002988//EST//0.0016:180:63//Hs.147632:AI218308
 55 F-NT2RP3003008//Human DNA-binding protein (HRC1) mRNA, complete cds//0.59:201:63//Hs.72925:M91083
 F-NT2RP3003032//ESTs//9.1e-40:241:92//Hs.113363:C06446
 F-NT2RP3003059//ESTs//0.0015:399:58//Hs.136895:AA897749
 F-NT2RP3003061//Ankyrin 1, erythrocytic//4.5e-14:633:59//Hs.1242:X16609

F-NT2RP3003068//EST//0.00014:80:83//Hs.121993:AA777928
 F-NT2RP3003071//ESTs//1.1e-62:315:98//Hs.16141:W56079
 F-NT2RP3003078
 F-NT2RP3003101
 5 F-NT2RP3003121//EST, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]//0.98:88:68//Hs.99715:AA292700
 F-NT2RP3003133//EST//8.0e-17:218:68//Hs.134815:AI090740
 F-NT2RP3003138//Homo sapiens vasopressin-activated calcium mobilizing putative receptor protein (VACM-1) mRNA, complete cds//0.013:438:57//Hs.101299:AF017061
 10 F-NT2RP3003139//ESTs//0.020:260:61//Hs.59142:W88975
 F-NT2RP3003145//Homo sapiens aortic carboxypeptidase-like protein ACLP mRNA, complete cds//2.2e-20:430:63//Hs.118397:AF053944
 F-NT2RP3003150
 F-NT2RP3003157//Human repressor transcriptional factor (ZNF85) mRNA, complete cds//2.0e-72:894:68//Hs.37138:U35376
 15 F-NT2RP3003185//Homo sapiens mRNA for KIAA0521 protein, partial cds//0.045:410:59//Hs.6150:AB011093
 F-NT2RP3003193//Zinc finger protein 10 (KOX 1)//2.4e-74:737:71//Hs.2479:X78933
 F-NT2RP3003197//ESTs//1.8e-24:130:100//Hs.162504:AA668211
 F-NT2RP3003203//ESTs//3.5e-30:232:82//Hs.6880:W26854
 20 F-NT2RP3003204//ESTs//3.1e-109:524:98//Hs.152982:AA584308
 F-NT2RP3003210//ESTs//3.6e-16:113:91//Hs.121030:AA625325
 F-NT2RP3003212//EST//1.0e-52:500:74//Hs.161635:W22525
 F-NT2RP3003230//Human mRNA for actin binding protein p57, complete cds//6.0e-55:587:70//Hs.109606:D44497
 25 F-NT2RP3003242//Homo sapiens stanniocalcin-2 (STC-2) mRNA, complete cds//1.2e-129:617:98//Hs.155223:AF055460
 F-NT2RP3003251//H.sapiens Staf50 mRNA//1.1e-68:651:76//Hs.68054:X82200
 F-NT2RP3003264//Human bullous 230 kDa pemphigoid antigen (BPAG1) mRNA, complete cds//0.069:382:59//Hs.620:M69225
 30 F-NT2RP3003278//Homo sapiens hook2 protein (HOOK2) mRNA, complete cds//0.98:261:59//Hs.30792:AF044924
 F-NT2RP3003282//Homo sapiens dynamin (DNM) mRNA, complete cds//4.2e-133:694:93//Hs.11702:L36983
 F-NT2RP3003290//Human mRNA for RTP, complete cds//6.3e-66:662:71//Hs.75789:D87953
 F-NT2RP3003301//EST//1.0:58:74//Hs.158575:AI368947
 35 F-NT2RP3003302//Human Line-1 repeat mRNA with 2 open reading frames//3.1e-91:681:80//Hs.23094:M19503
 F-NT2RP3003311//ESTs//0.95:308:59//Hs.27308:AA534947
 F-NT2RP3003313//ESTs//0.0016:345:61//Hs.143304:AI084058
 F-NT2RP3003327//H.sapiens Staf50 mRNA//8.0e-31:253:67//Hs.68054:X82200
 F-NT2RP3003330
 40 F-NT2RP3003344
 F-NT2RP3003346//H.sapiens mRNA for delta 4-3-oxosteroid 5 beta-reductase//1.2e-42:644:66//Hs.2638:Z28339
 F-NT2RP3003353//Breast cancer 1, early onset//0.30:145:67//Hs.66746:L78833
 F-NT2RP3003377//Human mRNA for cadherin-15, complete cds//0.019:416:60//Hs.148090:D83542
 F-NT2RP3003384//ESTs//1.1e-65:346:96//Hs.35012:R92791
 45 F-NT2RP3003385//ESTs, Highly similar to SKD3 [M.musculus]//7.0e-74:384:96//Hs.21263:H16363
 F-NT2RP3003403//ESTs//4.9e-12:335:63//Hs.87258:AA463850
 F-NT2RP3003409//Human DHHC-domain-containing cysteine-rich protein mRNA, complete cds//3.2e-22:430:63//Hs.113272:U90653
 F-NT2RP3003411//Human metallothionein-Ie gene (hMT-Ie)//0.99:116:62//Hs.74170:M10942
 50 F-NT2RP3003427//ESTs//0.24:447:61//Hs.160907:AI422830
 F-NT2RP3003433//Protein tyrosine phosphatase, non-receptor type 12//1.0:243:61//Hs.62:M93425
 F-NT2RP3003464//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds//1.7e-182:853:98//Hs.14934:AF004828
 F-NT2RP3003490//Homo sapiens mRNA for KIAA0725 protein, partial cds//5.2e-175:826:98//Hs.26450:AB018268
 55 F-NT2RP3003491//Ryanodine receptor 2 (cardiac)//1.0:148:66//Hs.90821:X98330
 F-NT2RP3003500//ESTs//0.86:211:62//Hs.136037:AA013302
 F-NT2RP3003543//Homo sapiens clone 23790 unknown protein mRNA, complete cds//0.64:626:58//Hs.150828:

AF038169
 F-NT2RP3003552
 F-NT2RP3003555//ESTs//1.4e-12:81:98//Hs.144487:AI418322
 F-NT2RP3003564//EST//4.5e-08:186:69//Hs.116769:AA630365
 5 F-NT2RP3003572//EST//0.27:105:69//Hs.162134:AA526311
 F-NT2RP3003576//ESTs//1.2e-57:277:84//Hs.138852:AA284247
 F-NT2RP3003589//RAS-RELATED PROTEIN RAB-8//6.3e-38:373:73//Hs.123109:X56741
 F-NT2RP3003621//HEPATOCYTE GROWTH FACTOR ACTIVATOR PRECURSOR//8.0e-09:564:61//Hs.104:
 D14012
 10 F-NT2RP3003625
 F-NT2RP3003656
 F-NT2RP3003659
 F-NT2RP3003665//ESTs//0.015:221:62//Hs.153705:AA527586
 F-NT2RP3003672//ESTs//0.70:351:57//Hs.27633:N76184
 15 F-NT2RP3003680//Human Bcl2, p53 binding protein Bbp/53BP2 (BBP/53BP2) mRNA, complete cds//0.013:190:
 63//Hs.44585:U58334
 F-NT2RP3003686//Homo sapiens clone 24519 unknown mRNA, partial cds//0.69:246:62//Hs.118463:AF055000
 F-NT2RP3003701//EST//0.93:79:69//Hs.145285:AI249848
 F-NT2RP3003716//Homo sapiens KIAA0405 mRNA, complete cds//8.3e-24:478:61//Hs.48998:AB007865
 20 F-NT2RP3003726//Homo sapiens mRNA for KIAA0757 protein, complete cds//7.4e-150:700:98//Hs.48513:
 AB018300
 F-NT2RP3003746
 F-NT2RP3003795//ESTs//7.1e-20:228:74//Hs.159571:AA454230
 F-NT2RP3003799
 25 F-NT2RP3003800//Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog//4.7e-41:432:73//Hs.1422:
 M19722
 F-NT2RP3003805//Myosin, heavy polypeptide 6, cardiac muscle, alpha (cardiomyopathy, hypertrophic 1)//0.98:
 242:57//Hs.114001:Z20656
 F-NT2RP3003809//Human transcription factor, forkhead related activator 4 (FREAC-4) mRNA, complete cds//
 30 5.1e-07:624:59//Hs.96028:AF042832
 F-NT2RP3003819//Human ring zinc-finger protein (ZNF127-Xp) gene and 5' flanking sequence//0.84:171:63//Hs.
 102877:U41315
 F-NT2RP3003825
 F-NT2RP3003828//ESTs//2.1e-12:434:61//Hs.156864:AI346481
 35 F-NT2RP3003831
 F-NT2RP3003833//Homo sapiens clones 24718 and 24825 mRNA sequence//2.6e-48:242:98//Hs.25300:
 AF070611
 F-NT2RP3003842//Integrin, beta 8//1.0:345:60//Hs.832:M73780
 F-NT2RP3003846//Homo sapiens mRNA for KIAA0725 protein, partial cds//1.3e-37:335:68//Hs.26450:AB018268
 40 F-NT2RP3003870//Homo sapiens mRNA for KIAA0800 protein, complete cds//1.3e-175:805:99//Hs.118738:
 AB018343
 F-NT2RP3003876//ESTs, Highly similar to Rabin3 [R.norvegicus]//6.8e-39:243:90//Hs.124832:AA846576
 F-NT2RP3003914//ESTs, Weakly similar to UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE
 PRECURSOR [D.melanogaster]//1.1e-107:499:99//Hs.105794:AA701659
 45 F-NT2RP3003918//Homo sapiens VAMP-associated protein of 33 kDa (VAP-33) mRNA, complete cds//8.3e-49:
 404:77//Hs.9006:AF057358
 F-NT2RP3003932//ESTs//0.94:278:58//Hs.15661:W02396
 F-NT2RP3003989//ESTs//1.0:174:64//Hs.8095:AI359006
 F-NT2RP3003992//Cyclic nucleotide gated channel (photoreceptor), cGMP gated 2 (beta)//0.00070:433:58//Hs.
 50 93909:AF042498
 F-NT2RP3004013//ESTs, Moderately similar to M-phase phosphoprotein 4 [H.sapiens]//2.8e-127:617:97//Hs.
 142151:AA984061
 F-NT2RP3004016//Human p300/CBP-associated factor (P/CAF) mRNA, complete cds//0.0086:283:62//Hs.
 155302:U57317
 55 F-NT2RP3004041//EST//0.98:264:58//Hs.127552:AA953234
 F-NT2RP3004051//Human mRNA for KIAA0319 gene, complete cds//7.0e-63:774:67//Hs.26441:AB002317
 F-NT2RP3004070//EST//6.8e-22:163:85//Hs.132635:AI032875
 F-NT2RP3004078//Regulatory factor (trans-acting) 2 (influences HLA class II expression)//5.3e-90:520:90//Hs.

100007:X76091
 F-NT2RP3004093
 F-NT2RP3004095//Human clone 23732 mRNA, partial cds//3.3e-27:372:69//Hs.81281:U79258
 F-NT2RP3004110//Human mRNA for KIAA0392 gene, partial cds//1.2e-20:211:77//Hs.40100:AB002390
 5 F-NT2RP3004125//ESTs, Highly similar to OOCYTE ZINC FINGER PROTEIN XLCOF7.1 [Xenopus laevis]//1.0e-126:590:99//Hs.129888:AI096509
 F-NT2RP3004145
 F-NT2RP3004148
 F-NT2RP3004155//Homo sapiens timing protein CLK-1 mRNA, complete cds//2.1e-121:578:98//Hs.157113:
 10 AF032900
 F-NT2RP3004189//ESTs//1.3e-80:409:97//Hs.151001:AA564706
 F-NT2RP3004206//Human mRNA for stac, complete cds//1.0:245:60//Hs.56045:D86640
 F-NT2RP3004207//Transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47)//0.095:281:62//Hs.101047:M31523
 15 F-NT2RP3004209//ESTs//5.8e-87:458:94//Hs.155303:AI221835
 F-NT2RP3004215//ESTs//0.074:56:80//Hs.163590:H43361
 F-NT2RP3004242
 F-NT2RP3004246//EST//0.20:219:63//Hs.161920:AA483240
 F-NT2RP3004253//ESTs//1.2e-36:204:96//Hs.143588:AI149140
 20 F-NT2RP3004258//Human gene for neurofilament subunit M (NF-M)//7.2e-07:369:59//Hs.71346:Y00067
 F-NT2RP3004262//Homo sapiens heat shock protein hsp40-3 mRNA, complete cds//1.0e-154:733:98//Hs.158471:AF088982
 F-NT2RP3004282//Homo sapiens torsinA (DYT1) mRNA, complete cds//4.2e-26:597:61//Hs.19261:AF007871
 F-NT2RP3004332
 25 F-NT2RP3004334//ESTs//8.8e-27:142:99//Hs.28068:H06285
 F-NT2RP3004341//EST//0.0068:213:64//Hs.153208:X98426
 F-NT2RP3004348//ESTs//1.2e-18:126:93//Hs.58595:AA830999
 F-NT2RP3004349//ESTs, Weakly similar to HYPOTHETICAL 92.1 KD PROTEIN ZK1098.3 IN CHROMOSOME III [Caenorhabditis elegans]//3.9e-45:337:83//Hs.141429:AA631915
 30 F-NT2RP3004378//ESTs, Weakly similar to weak similarity to procollagen alpha chain 1(V) chain [C.elegans]//4.3e-125:608:98//Hs.128781:AA160707
 F-NT2RP3004399//H.sapiens mRNA for leucine-rich primary response protein 1//2.3e-141:804:90//Hs.123122:X97249
 F-NT2RP3004424//ESTs, Weakly similar to JTV-1 [H.sapiens]//3.2e-122:609:96//Hs.20132:AA203113
 35 F-NT2RP3004428//Homo sapiens ALR mRNA, complete cds//0.00044:458:60//Hs.153638:AF010403
 F-NT2RP3004451//Bone morphogenetic protein 8 (osteogenic protein 2)//0.00023:357:59//Hs.99948:M97016
 F-NT2RP3004454//Homo sapiens mRNA for KIAA0448 protein, complete cds//2.0e-124:583:99//Hs.27349:AB007917
 F-NT2RP3004466//Homo sapiens mRNA for KIAA0664 protein, partial cds//0.48:399:58//Hs.22616:AB014564
 40 F-NT2RP3004470//EST//1.3e-56:331:91//Hs.136830:AA769219
 F-NT2RP3004472
 F-NT2RP3004475//Homo sapiens mRNA for KIAA0456 protein, partial cds//9.8e-152:715:98//Hs.5003:AB007925
 F-NT2RP3004480//ESTs, Highly similar to VACUOLAR SORTING PROTEIN 35 [Saccharomyces cerevisiae]//4.6e-118:547:99//Hs.124768:AA307735
 45 F-NT2RP3004490//Homo sapiens mRNA for Musashi, complete cds//2.3e-156:752:97//Hs.158311:AB012851
 F-NT2RP3004498//ESTs, Moderately similar to ROSA26AS [M.musculus]//3.5e-89:425:99//Hs.126082:AI077718
 F-NT2RP3004503//EST//5.3e-49:399:81//Hs.162335:AA564256
 F-NT2RP3004504//Homo sapiens mRNA for KIAA0479 protein, partial cds//1.0:370:59//Hs.158244:AB007948
 F-NT2RP3004507//Human zinc finger protein (MAZ) mRNA//0.86:129:66//Hs.7647:M94046
 50 F-NT2RP3004527//EST//0.053:260:62//Hs.123314:AA810110
 F-NT2RP3004534//ESTs//3.5e-78:370:99//Hs.132808:AI031571
 F-NT2RP3004539//Homo sapiens mRNA for KIAA0632 protein, partial cds//2.7e-146:679:98//Hs.75970:AB014532
 F-NT2RP3004544//Homo sapiens mRNA for KIAA0554 protein, partial cds//9.1e-171:793:98//Hs.74750:AB011126
 55 F-NT2RP3004566//ESTs, Highly similar to ZINC FINGER PROTEIN MLZ-4 [Mus musculus]//2.2e-66:362:94//Hs.125870:AI364967
 F-NT2RP3004569

- F-NT2RP3004572//Homo sapiens cofactor of initiator function (CIF50) mRNA, complete cds//3.3e-181:860:97//Hs.122752:AF026445
- F-NT2RP3004578//Homo sapiens mRNA for KIAA0454 protein, partial cds//4.0e-85:422:97//Hs.129928:AB007923
- 5 F-NT2RP3004594//Homo sapiens mRNA for AND-1 protein//3.7e-160:796:95//Hs.72160:AJ006266
- F-NT2RP3004617//ESTs, Weakly similar to estrogen-responsive finger protein, efp [H.sapiens]//6.4e-13:356:64//Hs.124138:AI266336
- F-NT2RP3004618//ESTs//1.5e-42:481:70//Hs.130768:AA909232
- F-NT2RP3004669//Human plectin (PLEC1) mRNA, complete cds//0.0099:538:56//Hs.79706:U53204
- 10 F-NT2RP3004670//Homo sapiens sox1 gene//0.11:311:58//Hs.144029:Y13436
- F-NT2RP4000008//ESTs, Highly similar to CHLORINE CHANNEL PROTEIN P64 [Bos taurus]//8.0e-177:827:98//Hs.118991:AA675919
- F-NT2RP4000023//ESTs//1-4e-33:182:96//Hs.122722:AA455668
- F-NT2RP4000035//ESTs//1.1e-23:283:72//Hs.142147:AA706495
- 15 F-NT2RP4000049//Homo sapiens decoy receptor 2 mRNA, complete cds//6.8e-83:556:85//Hs.129844:AF029761
- F-NT2RP4000051//Homo sapiens mRNA for cartilage-associated protein (CASP)//4.9e-13:441:62//Hs.155481:AJ006470
- F-NT2RP4000078//Homo sapiens mRNA for NS1-binding protein (NS1-BP)//8.0e-151:720:97//Hs.159597:AJ012449
- 20 F-NT2RP4000102//ESTs//8.8e-33:184:82//Hs.93054:H47743
- F-NT2RP4000109//Homo sapiens mRNA for MEGF5, partial cds//1.4e-167:774:99//Hs.57929:AB011538
- F-NT2RP4000111
- F-NT2RP4000129//Homo sapiens mRNA for KIAA0483 protein, partial cds//1.1e-115:548:98//Hs.64691:AB007952
- 25 F-NT2RP4000147//Human mRNA for KIAA0041 gene, partial cds//0.00045:212:63//Hs.75520:D26069
- F-NT2RP4000150
- F-NT2RP4000151//Homo sapiens chromosome 7q22 sequence//0.98:431:59//Hs.3386:AF053356
- F-NT2RP4000159
- F-NT2RP4000167
- 30 F-NT2RP4000185//ESTs//1.1e-51:240:68//Hs.33020:N31946
- F-NT2RP4000210//Homo sapiens mRNA for KIAA0700 protein, partial cds//1.6e-175:825:98//Hs.13999:AB014600
- F-NT2RP4000212//ESTs//1.6e-10:74:95//Hs.111885:AA422006
- F-NT2RP4000214//ESTs//3.9e-11:225:68//Hs.59793:AA451731
- 35 F-NT2RP4000218//Human G protein-coupled receptor (STRL22) mRNA, complete cds//6.2e-34:425:71//Hs.46468:U45984
- F-NT2RP4000243//Homo sapiens mRNA for cartilage-associated protein (CASP)//8.6e-158:771:97//Hs.155481:AJ006470
- F-NT2RP4000246//ESTs, Highly similar to NPC DERIVED PROLINE RICH PROTEIN 1 [M.musculus]//1.9e-62:384:89//Hs.115498:AA436298
- 40 F-NT2RP4000259//Homo sapiens clone 683 unknown mRNA, complete sequence//9.4e-130:604:99//Hs.43728:AF091092
- F-NT2RP4000263
- F-NT2RP4000290//EST//1.0:149:63//Hs.136928:AA812580
- 45 F-NT2RP4000312//Human mRNA for KIAA0147 gene, partial cds//1.5e-42:685:63//Hs.158132:D63481
- F-NT2RP4000321//Homo sapiens gene for insulin receptor substrate-2, complete cds//8.6e-05:547:57//Hs.143648:AB000732
- F-NT2RP4000323//Human HCF1 gene related mRNA sequence//0.48:589:58//Hs.83634:U52112
- F-NT2RP4000355
- 50 F-NT2RP4000360//Homo sapiens mRNA for KIAA0738 protein, complete cds//6.4e-142:654:99//Hs.107479:AB018281
- F-NT2RP4000367//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds//8.5e-137:649:97//Hs.31323:AF044195
- F-NT2RP4000370//ESTs, Weakly similar to MITOCHONDRIAL PEPTIDE CHAIN RELEASE FACTOR 1 PRECURSOR [S.cerevisiae]//1.2e-09:157:76//Hs.97950:AI382073
- 55 F-NT2RP4000376//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE BETA 2//0.098:291:59//Hs.994:M95678
- F-NT2RP4000381//Myosin, heavy polypeptide 7, cardiac muscle, beta//0.00025:509:59//Hs.929:M57965

EP 1 074 617 A2

F-NT2RP4000398//Zinc finger protein 140 (clone pHZ-39)//4.9e-60:469:68//Hs.154205:U09368
F-NT2RP4000415//ESTs//0.85:89:67//Hs.152312:AA485688
F-NT2RP4000417//Homo sapiens alpha 1,2-mannosidase IB mRNA, complete cds//0.014:178:66//Hs.125315:AF027156
5 F-NT2RP4000424//Human G protein-coupled receptor (STRL22) mRNA, complete cds//2.0e-34:431:73//Hs.46468:U45984
F-NT2RP4000448//Human mRNA for KIAA0118 gene, partial cds//1.9e-37:360:75//Hs.154326:D42087
F-NT2RP4000449//EST//0.84:113:65//Hs.145274:AI249468
F-NT2RP4000455//ALPHA-2C-1 ADRENERGIC RECEPTOR//0.063:221:61//Hs.123022:J03853
10 F-NT2RP4000457//H.sapiens mRNA for herpesvirus associated ubiquitin-specific protease (HAUSP)//1.1e-05:532:57//Hs.78683:Z72499
F-NT2RP4000480//Homo sapiens mRNA, complete cds//0.056:655:60//Hs.133151:AB001535
F-NT2RP4000481//Human mRNA for KIAA0268 gene, partial cds//0.46:272:58//Hs.78862:D87742
F-NT2RP4000498//Human DNA binding protein FKHL15 (FKHL15) mRNA, complete cds//0.94:133:69//Hs.159234:U89995
15 F-NT2RP4000500//V-myb avian myeloblastosis viral oncogene homolog-like 2//0.60:335:61//Hs.74605:X13293
F-NT2RP4000515//ESTs//2.9e-45:253:95//Hs.104898:AA429594
F-NT2RP4000517//EST//0.043:131:64//Hs.99030:AA443904
F-NT2RP4440518//Homo sapiens mRNA for ATP-dependent RNA helicase, partial//2.0e-34:203:93//Hs.99423:AJ010840
20 F-NT2RP4000519//Human mRNA for KIAA0374 gene, complete cds//0.33:154:66//Hs.100837:AB002372
F-NT2RP4000524
F-NT2RP4000528
F-NT2RP4000541//ESTs//2.1e-51:251:99//Hs.157240:AI348154
25 F-NT2RP4000556//ESTs, Highly similar to 60S RIBOSOMAL PROTEIN L11 [R.norvegicus]//1.1e-27:162:93//Hs.25597:H93026
F-NT2RP4000560//ESTs//2.5e-09:181:66//Hs.122609:AA778351
F-NT2RP4000588//ESTs//1.4e-46:533:70//Hs.8836:AA181053
F-NT2RP4000614//Homo sapiens TLS-associated protein TASR-2 mRNA, complete cds//1.0e-139:666:98//Hs.4214:AF067730
30 F-NT2RP4000638//Fibroblast growth factor 2 (basic)//1.0:226:61//Hs.56066:J04513
F-NT2RP4000648//ESTs//2.5e-11:116:80//Hs.115449:AA418396
F-NT2RP4000657//Homo sapiens bone morphogenetic protein 11 (BMP11) mRNA, complete cds//0.00056:367:60//Hs.144626:AF100907
35 F-NT2RP4000704//Homo sapiens mRNA expressed in 19week fetal lung, clone IMAGE:300856//8.0e-167:676:98//Hs.50748:AB004848
F-NT2RP4000713//Homo sapiens N-methyl-D-aspartate receptor 2D subunit precursor (NMDAR2D) mRNA, complete cds//6.9e-07:494:61//Hs.113286:U77783
F-NT2RP4000724//ESTs, Weakly similar to pol/env ORF [H.sapiens]//2.8e-46:411:78//Hs.111817:T80622
40 F-NT2RP4000728//Homo sapiens mRNA for KIAA0606 protein, partial cds//9.9e-43:350:71//Hs.38176:AB011178
F-NT2RP4000737//Human mRNA for KIAA0252 gene, partial cds//0.97:409:60//Hs.83419:D87440
F-NT2RP4000739//DESMOPLAKIN I AND II//0.99:192:63//Hs.74316:AL031058
F-NT2RP4000781//Homo sapiens mRNA for APC 2 protein, complete cds//0.023:351:60//Hs.20912:AB012162
F-NT2RP4000787//Human mRNA for ESP1/CRP2, complete cds//0.0051:276:58//Hs.70327:D42123
45 F-NT2RP4000817//Homo sapiens mRNA for KIAA0470 protein, complete cds//4.8e-176:816:98//Hs.25132:AB007939
F-NT2RP4000833//Homo sapiens PAC clone DJ0905J08 from 7p12-p14//1.3e-93:438:99//Hs.8173:AC005189
F-NT2RP4000837//Homo sapiens SALL1 gene, partial//5.9e-05:470:59//Hs.123094:X98833
F-NT2RP4000839//ESTs//5.7e-11:133:82//Hs.103852:W27603
50 F-NT2RP4000855//Homo sapiens DNA-binding protein (CROC-1B) mRNA, complete cds//1.4e-37:680:63//Hs.75875:U49278
F-NT2RP4000865//Zinc finger protein 136 (clone pHZ-20)//2.0e-96:415:78//Hs.69740:U09367
F-NT2RP4000878//ESTs//2.7e-16:390:63//Hs.163451:AI206803
F-NT2RP4000879//ESTs//0.89:184:64//Hs.122333:AA782843
55 F-NT2RP4000907//Homo sapiens BAC clone RG118D07 from 7q31//4.5e-52:933:61//Hs.3781:AC004142
F-NT2RP4000915//Homo sapiens mRNA for ZNF198 protein//3.0e-80:584:78//Hs.109526:AJ224901
F-NT2RP4000918
F-NT2RP4000925//Homo sapiens KIAA0405 mRNA, complete cds//1.9e-47:861:61//Hs.48998:AB007865

- F-NT2RP4000927//ESTs//0.37:159:63//Hs.147949:AI341503
 F-NT2RP4000928//Homo sapiens CDP-diacylglycerol synthase 2 (CDS2) mRNA, partial cds//1.1e-164:781:97//Hs.24812:AF069532
 F-NT2RP4000929//ESTs//0.88:284:60//Hs.141317:AI281371
 5 F-NT2RP4000955//Human mRNA for cadherin-15, complete cds//0.0019:495:58//Hs.148090:D83542
 F-NT2RP4000973//Homo sapiens mRNA for MSJ-1, complete cds//1.2e-05:318:60//Hs.3845:AB014888
 F-NT2RP4000975//ESTs//0.0051:345:61//Hs.143304:AI084058
 F-NT2RP4000979
 F-NT2RP4000984
 10 F-NT2RP4000989//Homo sapiens Tax interaction protein 1 mRNA, partial cds//0.85:257:63//Hs.12956:U90913
 F-NT2RP4000996//ESTs//4.3e-10:329:62//Hs.33085:AA258068
 F-NT2RP4000997//Human plectin (PLEC1) mRNA, complete cds//1.0:218:58//Hs.79706:U53204
 F-NT2RP4001004
 F-NT2RP4001006//ESTs, Moderately similar to ROSA26AS [M.musculus]//7.4e-90:425:99//Hs.126082:AI077718
 15 F-NT2RP4001010//Homo sapiens PSD-95/SAP90-associated protein-2 mRNA, partial cds//2.8e-19:689:61//Hs.113287:AF009204
 F-NT2RP4001029//Human transcription factor LSF mRNA, complete cds//9.6e-84:778:74//Hs.154970:U03494
 F-NT2RP4001041//Human endosome-associated protein (EEA1) mRNA, complete cds//0.95:170:64//Hs.2864:L40157
 20 F-NT2RP4001057//EST//9.6e-05:122:72//Hs.132518:AA928157
 F-NT2RP4001064//Homo sapiens mRNA for cartilage-associated protein (CASP)//7.2e-13:441:63//Hs.155481:AJ006470
 F-NT2RP4001078//ESTs//1.3e-29:165:95//Hs.113817:AA702497
 F-NT2RP4001079//Homo sapiens mRNA for putative Ca²⁺-transporting ATPase, partial//1.4e-131:634:98//Hs.106778:AJ010953
 25 F-NT2RP4001080//Polypyrimidine tract binding protein (hnRNP I) {alternative products}//0.025:166:66//Hs.146459:X66975
 F-NT2RP4001086//Homo sapiens mRNA for KIAA0592 protein, partial cds//1.5e-85:604:86//Hs.13273:AB011164
 F-NT2RP4001095
 30 F-NT2RP4001100//ESTs, Weakly similar to C17G10.1 [C.elegans]//1.4e-93:448:98//Hs.105837:AA536054
 F-NT2RP4001117//ESTs, Highly similar to PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT [Canis familiaris]//2.2e-26:171:92//Hs.14038:R06800
 F-NT2RP4001122//Human mRNA for histone H1x, complete cds//0.99:185:66//Hs.109804:D64142
 F-NT2RP4001126//ESTs, Moderately similar to The KIAA0138 gene product is novel. [H.sapiens]//5.8e-37:185:100//Hs.126925:AA931237
 35 F-NT2RP4001138//ESTs//3.4e-09:125:77//Hs.1433 82:AA476266
 F-NT2RP4001143//ESTs//1.0:282:57//Hs.157423:AI358261
 F-NT2RP4001148//ESTs//0.82:206:62//Hs.129259:AA992207
 F-NT2RP4001149//EST//1.3e-17:140:88//Hs.101727:H16171
 40 F-NT2RP4001150//AXONIN-1 PRECURSOR//7.7e-07:562:59//Hs.2998:X67734
 F-NT2RP4001159//EST//0.26:125:66//Hs.152092:AA377324
 F-NT2RP4001174//ESTs//2.9e-103:502:98//Hs.125886:AA884264
 F-NT2RP4001206//EST//0.33:125:66//Hs.152092:AA377324
 F-NT2RP4001207
 45 F-NT2RP4001210//ESTs//3.1e-95:460:97//Hs.46913:AI017636
 F-NT2RP4001213//KRAB zinc finger protein {alternative products}//1.1e-45:187:74//Hs.22556:U37251
 F-NT2RP4001219//ESTs//1.4e-69:352:96//Hs.116392:AA936262
 F-NT2RP4001228//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//7.2e-28:855:60//Hs.122967:AF059569
 50 F-NT2RP4001235//Homo sapiens Jagged 2 mRNA, complete cds//1.0:257:59//Hs.106387:AF029778
 F-NT2RP4001256//Human mRNA for KIAA0273 gene, complete cds//0.96:247:62//Hs.75899:D87463
 F-NT2RP4001260//Syntrophin, alpha (dystrophin-associated protein A1, 59kD, acidic component)//0.015:246:62//Hs.31121:U40571
 F-NT2RP4001274//Homo sapiens clone 24674 mRNA sequence//1.2e-06:259:64//Hs.71168:AF070578
 55 F-NT2RP4001276//Homo sapiens CAGF9 mRNA, partial cds//7.6e-06:266:62//Hs.110826:U80736
 F-NT2RP4001313//Homo sapiens mitochondrial outer membrane protein (TOM40) mRNA, nuclear gene encoding mitochondrial protein, complete cds//2.3e-31:535:65//Hs.30928:AF043250
 F-NT2RP4001315//EST//9.5e-20:146:88//Hs.158755:AI375917

F-NT2RP4001336//ESTs//1.0:128:67//Hs.99598:AA603110
 F-NT2RP4001339
 F-NT2RP4001343
 F-NT2RP4001345//Lecithin-cholesterol acyltransferase//8.0e-39;686:64//Hs.112125:M12625
 5 F-NT2RP4001351//Human ovarian cancer downregulated myosin heavy chain homolog (Doc1) mRNA, complete
 cds//2.0e-31:784:62//Hs.15432:U53445
 F-NT2RP4001353//Homo sapiens chromosome 7q22 sequence//0.0034:497:57//Hs.125742:AF053356
 F-NT2RP4001372
 F-NT2RP4001373//Homo sapiens clone Dt1P1b11 mRNA, CAG repeat region//0.43:290:58//Hs.82101:Z50194
 10 F-NT2RP4001375
 F-NT2RP4001379//TRICHOHYALIN//8.2e-05:591:58//Hs.82276:L09190
 F-NT2RP4001389//EST//5.3e-27:212:84//Hs.160402:AI393918
 F-NT2RP4001407//Homo sapiens mRNA for RGS5, complete cds//0.93:218:58//Hs.24950:AB008109
 F-NT2RP4001414//Human mRNA for KIAA0202 gene, partial cds//6.3e-78:818:71//Hs.80712:D86957
 15 F-NT2RP4001433//Zinc finger protein 10 (KOX 1)//1.1e-88:839:73//Hs.2479:X78933
 F-NT2RP4001442
 F-NT2RP4001447//Homo sapiens mRNA for KIAA0783 protein, complete cds//0.0075:218:63//Hs.41153:
 AB018326
 F-NT2RP4001474//ESTs, Weakly similar to probable CBP3 protein homolog [C.elegans]//2.1e-90:460:96//Hs.
 20 26676:AA033997
 F-NT2RP4001483//Oxoglutarate dehydrogenase (lipoamide)//8.1e-61:480:75//Hs.75533:D10523
 F-NT2RP4001498//ESTs, Weakly similar to GA BINDING PROTEIN BETA-2 CHAIN [H.sapiens]//0.25:216:60//Hs.
 63220:AA522707
 F-NT2RP4001502//ESTs//2.6e-41:206:99//Hs.159257:N40395
 25 F-NT2RP4001507//H.sapiens mRNA for RanGTPase activating protein 1//0.51:281:61//Hs.5923:X82260
 F-NT2RP4001524//ESTs, Weakly similar to F13B12.1 [C.elegans]//9.4e-30:173:94//Hs.5570:AI377863
 F-NT2RP4001529//Human transcription factor LSF mRNA, complete cds//1.3e-35:329:76//Hs.154970:U03494
 F-NT2RP4001547//Homo sapiens forkhead protein FREAC-2 mRNA, complete cds//0.0015:221:65//Hs.44481:
 U13220
 30 F-NT2RP4001551//Human BRCA2 region, mRNA sequence CG003//0.56:428:59//Hs.30649:U50534
 F-NT2RP4001555//EST//0.99:225:64//Hs.96863:AA347174
 F-NT2RP4001567
 F-NT2RP4001568//ESTs, Weakly similar to HYPOTHETICAL 32.6 KD PROTEIN IN MET30-CBR5 INTERGENIC
 REGION [Saccharomyces cerevisiae]//1.1e-54:252:83//Hs.158208:AA167836
 35 F-NT2RP4001571//ESTs//3.0e-94:475:96//Hs.65322:AA019410
 F-NT2RP4001574
 F-NT2RP4001575//Homo sapiens mRNA for ARE1-like protein//1.8e-169:796:98//Hs.108826:AL031228
 F-NT2RP4001592
 F-NT2RP4001610//Human involucrin mRNA//0.94:462:59//Hs.157091:M13903
 40 F-NT2RP4001614//ESTs//0.71:331:58//Hs.116533:AI343952
 F-NT2RP4001634
 F-NT2RP4001638//ESTs, Weakly similar to HYPOTHETICAL 117.9 KD PROTEIN IN FKH1-STH1 INTERGENIC
 REGION [S.cerevisiae]//8.6e-57:287:97//Hs.117439:C18436
 F-NT2RP4001644//Human mRNA for MNK1, complete cds//1.7e-53:415:80//Hs.5591:AB000409
 45 F-NT2RP4001656//ESTs, Highly similar to PHENYLALANYL-TRNA SYNTHETASE MITOCHONDRIAL PRECUR-
 SOR [Saccharomyces cerevisiae]//1.0:311:59//Hs.57969:AA203629
 F-NT2RP4001677//Homo sapiens short form transcription factor C-MAF (c-maf) mRNA, complete cds//0.19:162:
 67//Hs.30250:AF055376
 F-NT2RP4001679//Homo sapiens PYRIN (MEFV) mRNA, complete cds//2.2e-50:332:86//Hs.113283:AF018080
 50 F-NT2RP4001696
 F-NT2RP4001725//Galactokinase 1//1.0:202:63//Hs.92357:L76927
 F-NT2RP4001730//Human growth/differentiation factor 1 (GDF-1) mRNA, complete cds//0.0035:247:62//Hs.
 92614:M62302
 F-NT2RP4001739//Complement component 8, gamma polypeptide//0.74:654:56//Hs.1285:U08198
 55 F-NT2RP4001753//Zinc finger protein 84 (HPF2)//4.5e-29:476:67//Hs.9450:M27878
 F-NT2RP4001760//ESTs//1.0:411:60//Hs.108548:AA081656
 F-NT2RP4001790//Homo sapiens PAC clone DJ0604G05 from 7q22-q31.1//9.1e-34:400:68//Hs.154212:
 AC004522

EP 1 074 617 A2

F-NT2RP4001803//Human high conductance inward rectifier potassium channel alpha subunit mRNA, complete cds//0.028:580:58//Hs.2363:L36069
 F-NT2RP4001822//ESTs//3.4e-50:307:90//Hs.113509:AA132131
 F-NT2RP4001823//Human faciogenital dysplasia (FGD1) mRNA, complete cds//3.1e-07:509:59//Hs.1572:U11690
 5 F-NT2RP4001828
 F-NT2RP4001838//Human mRNA for KIAA0071 gene, partial cds//6.9e-55:555:73//Hs.78398:D31888
 F-NT2RP4001841//ESTs//0.99:215:60//Hs.136895:AA897749
 F-NT2RP4001849//Homo sapiens mRNA for KIAA0672 protein, complete cds//5.6e-57:813:65//Hs.6336:AB014572
 10 F-NT2RP4001861//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//4.8e-12:84:94//Hs.140232:AA705170
 F-NT2RP4001889
 F-NT2RP4001893//Homo sapiens BAC clone GS166A23 from 7p21//4.4e-108:535:97//Hs.15144:AC005014
 15 F-NT2RP4001896
 F-NT2RP4001901//ESTs//1.4e-50:291:93//Hs.67991:AA147848
 F-NT2RP4001927
 F-NT2RP4001938//ESTs, Weakly similar to ZINC FINGER PROTEIN 91 [H.sapiens]//2.8e-54:375:84//Hs.119294:AI379442
 20 F-NT2RP4001946//EST//0.050:268:60//Hs.148341:AA921894
 F-NT2RP4001950//EST//7.9e-14:336:63//Hs.112810:AA610063
 F-NT2RP4001953//ESTs//0.018:206:65//Hs.130105:AA904868
 F-NT2RP4001966//Human DNA sequence from clone 1052M9 on chromosome Xq25. Contains the SH2D1A gene for SH2 domain protein 1A, Duncan's disease (lymphoproliferative syndrome) (DSHP), part of a 60S Acidic Ribosomal protein 1 (RPLP1) LIKE gene and part of a mouse DOC4 LIKE gene. Contains ESTs and GSSs//1.7e-54:788:65//Hs.23796:AL022718 F-NT2RP4001975//Homo sapiens homeobox protein Six3 (SIX3) gene, complete cds//0.0019:279:65//Hs.159439:AF092047
 25 F-NT2RP4002018//ESTs, Highly similar to RING CANAL PROTEIN [Drosophila melanogaster]//0.58:463:55//Hs.3826:U69560
 30 F-NT2RP4002047//EST//2.5e-13:102:90//Hs.148997:AI243139
 F-NT2RP4002052
 F-NT2RP4002058//ESTs//5.2e-41:347:72//Hs.121961:AA777873
 F-NT2RP4002071//Homo sapiens TTAGGG repeat binding factor 2 (hTRF2) mRNA, complete cds//0.97:227:60//Hs.100030:AF002999
 35 F-NT2RP4002075
 F-NT2RP4002078//ESTs, Moderately similar to zinc finger protein [H.sapiens]//1.0e-38:243:90//Hs.139115:AA325104
 F-NT2RP4002081//TATA box binding protein//0.0059:310:60//Hs.1100:M55654
 F-NT2RP4002083//H.sapiens Pur (pur-alpha) mRNA, complete cds//0.0015:152:70//Hs.25180:M96684
 40 F-NT2RP4002408//Human protein kinase C-L (PRKCL) mRNA, complete cds//8.0e-10:401:59//Hs.89616:M55284
 F-NT2RP4002791//Ataxin 1//1.0:215:61//Hs.74520:X79204
 F-NT2RP4002888
 F-NT2RP4002905//ESTs//3.4e-50:280:94//Hs.131697:H14960
 F-NT2RP5003459//Glyceraldehyde-3-phosphate dehydrogenase//1.3e-35:193:96//Hs.74456:U34995
 45 F-NT2RP5003461//ESTs//3.6e-104:513:98//Hs.88088:AA521071
 F-NT2RP5003477//Eukaryotic translation initiation factor 3 (eIF-3) p36 subunit//0.18:271:60//Hs.139745:U39067
 F-NT2RP5003492
 F-NT2RP5003500//Homo sapiens mRNA for heparan-sulfate 6-sulfotransferase, complete cds//6.1e-56:750:69//Hs.132884:AB006179
 50 F-NT2RP5003506//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-69G12//5.1e-14:348:62//Hs.154050:AC004131
 F-NT2RP5003512//Homo sapiens mRNA for KIAA0642 protein, partial cds//0.94:202:63//Hs.8152:AB014542
 F-NT2RP5003522
 F-NT2RP5003524//ESTs//8.7e-08:340:62//Hs.152730:AI308943
 55 F-NT2RP5003534
 F-OVARC1000001//Homo sapiens mRNA for KIAA0465 protein, partial cds//4.0e-69:373:94//Hs.108258:AB007934
 F-OVARC1000004//ESTs//6.0e-38:216:93//Hs.163801:AI391729

- F-OVARC1000006//ESTs, Highly similar to HISTONE H2A [Cairina moschata]//4.4e-75:355:99//Hs.36727:AI051983
- F-OVARC1000013//ESTs//0.65:331:58//Hs.146326:AA534304
- F-OVARC1000014//Homo sapiens GLE1 (GLE1) mRNA, complete cds//1.8e-171:815:98//Hs.81449:AF058922
- 5 F-OVARC1000017//Homo sapiens mRNA for NTA1, complete cds//0.50:482:58//Hs.113264:AB005060
- F-OVARC1000035//Homo sapiens GA17 protein mRNA, complete cds//2.2e-37:238:89//Hs.69469:AF064603
- F-OVARC1000058//ESTs//1.1e-23:132:97//Hs.61809:AA503549
- F-OVARC1000060//ESTs, Highly similar to ribonuclease 6 precursor [H.sapiens]//6.7e-60:305:97//Hs.31696:H50008
- 10 F-OVARC1000068//ESTs//3.8e-10:69:100//Hs.89048:AA282798
- F-OVARC1000071//ESTs//1.9e-36:202:95//Hs.125013:AA400543
- F-OVARC1000085
- F-OVARC1000087//EST//1.0:199:58//Hs.122919:AA768442
- F-OVARC1000091//Homo sapiens Jagged 2 mRNA, complete . cds//0.00017:414:59//Hs.106387:AF029778
- 15 F-OVARC1000092//ESTs//4.6e-06:410:60//Hs.152250:AA203600
- F-OVARC1000106//ESTs, Weakly similar to C25A1.1 [C.elegans]//2.9e-73:406:92//Hs.109463:AI205174
- F-OVARC1000109
- F-OVARC1000113//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds//5.3e-135:663:96//Hs.3688:AF069250
- 20 F-OVARC1000114//Homo sapiens mRNA for KIAA0562 protein, complete cds//3.4e-43:532:72//Hs.118401:AB011134
- F-OVARC1000133//ESTs//9.4e-50:249:98//Hs.159146:AI384010
- F-OVARC1000139
- F-OVARC1000145//ESTs//1.6e-09:87:90//Hs.25219:AA291293
- 25 F-OVARC1000148//ESTs//4.4e-28:146:100//Hs.133223:AA677414
- F-OVARC1000151
- F-OVARC1000168//ESTs//2.3e-48:264:95//Hs.14539:H67305
- F-OVARC1000191//Thrombopoietin (myeloproliferative leukemia virus oncogene ligand, megakaryocyte growth and development factor)//0.10:504:59//Hs.154083:U70136
- 30 F-OVARC1000198//ESTs//1.3e-103:505:97//Hs.149341:AI249131
- F-OVARC1000209//EST//1.0:73:72//Hs.162600:AA594840
- F-OVARC1000212//ESTs//1.7e-17:121:91//Hs.50473:W68834
- F-OVARC1000240//ESTs, Highly similar to THREONYL-TRNA SYNTHETASE, CYTOPLASMIC [Homo sapiens] //2.7e-31:264:79//Hs.151895:AA196379
- 35 F-OVARC1000241//Homo sapiens clone 23698 mRNA sequence//3.4e-35:466:68//Hs.8136:U81984
- F-OVARC1000288//ESTs, Weakly similar to Y53C12A.3 [C.elegans]//0.00084:170:65//Hs.107747:AI357868
- F-OVARC1000302//EST//4.1e-05:249:60//Hs.136432:AA555306
- F-OVARC1000304//ESTs//1.0:252:64//Hs.12126:AA203287
- F-OVARC1000309//ESTs, Highly similar to BRAIN ENRICHED HYALURONAN BINDING PROTEIN PRECURSOR [Felis catus]//0.51:193:66//Hs.6194:AI378579
- 40 F-OVARC1000321
- F-OVARC1000326//Homo sapiens T-type calcium channel alpha-1 subunit mRNA, complete cds//0.0018:507:60//Hs.122359:AF051946
- F-OVARC1000335//ESTs//9.3e-39:202:98//Hs.132849:AA779444
- 45 F-OVARC1000347
- F-OVARC1000384//Homo sapiens (clone PEBP2aA1) core-binding factor, runt domain, alpha subunit 1 (CBFA1) mRNA, 3' end of cds//3.4e-06:353:62//Hs.121895:AF001450
- F-OVARC1000408//Human mRNA for KIAA0140 gene, complete cds//0.94:231:64//Hs.156016:D50930
- F-OVARC1000411//EST//0.43:234:59//Hs.124673:AA858162
- 50 F-OVARC1000414//EST//5.2e-05:105:72//Hs.98827:AA435682
- F-OVARC1000420//Human mRNA for KIAA0140 gene, complete cds//0.86:231:58//Hs.156016:D50930
- F-OVARC1000427//ESTs, Moderately similar to ORF1 [H.sapiens]//1.7e-25:190:84//Hs.139513:AA259082
- F-OVARC1000431//ESTs//0.041:356:57//Hs.139907:AA621615
- F-OVARC1000437//Filamin 1 (actin-binding protein-280)//0.93:281:60//Hs.76279:X53416
- 55 F-OVARC1000440//Human PINCH protein mRNA, complete cds//8.8e-21:116:99//Hs.83987:U09284
- F-OVARC1000442//ESTs//2.0e-19:207:78//Hs.134071:AI377423
- F-OVARC1000443//Homo sapiens mRNA for KIAA0683 protein, complete cds//3.2e-140:566:99//Hs.12334:AB014583

EP 1 074 617 A2

F-OVARC1000461//ESTs//1.0e-39:215:95//Hs.131532:AI024524
 F-OVARC1000465//Homo sapiens clone 24781 mRNA sequence//1.0:252:58//Hs.108112:AF070640
 F-OVARC1000466//ESTs//3.6e-14:189:71//Hs.164041:R51854
 F-OVARC1000473//ESTs//0.00012:77:85//Hs.29173:AA134926
 5 F-OVARC1000479
 F-OVARC1000486//ESTs//4.2e-07:409:60//Hs.99280:AA453036
 F-OVARC1000496//ESTs//6.0e-14:240:69//Hs.131900:AI023327
 F-OVARC1000520//Homo sapiens supervillin mRNA, complete cds//6.9e-115:539:99//Hs.111285:AF051850
 F-OVARC1000526//ESTs//2.9e-08:368:611//Hs.42771:N26740
 10 F-OVARC1000533//EST//3.4e-14:137:82//Hs.123405:AA813492
 F-OVARC1000543//ESTs//0.13:278:61//Hs.54894:N98475
 F-OVARC1000556//ESTs//1.4e-31:217:90//Hs.106385:W26667
 F-OVARC1000557//ESTs//3.8e-20:208:76//Hs.138919:AA827410
 F-OVARC1000564//Human dsRNA adenosine deaminase DRADA2b (DRADA2b) mRNA, complete cds//0.87:135:
 15 66//Hs.85302:U76421
 F-OVARC1000573//ESTs//2.1e-22:268:76//Hs.121852:AA776358
 F-OVARC1000576//ESTs//9.4e-22:124:98//Hs.24220:W22200
 F-OVARC1000578//EST//4.7e-31:335:74//Hs.162881:AA652729
 F-OVARC1000588//Human BMK1 alpha kinase mRNA, complete cds//0.67:263:63//Hs.3080:U29725
 20 F-OVARC1000605//EST//1.0:148:62//Hs.163346:AA883722
 F-OVARC1000622//EST//4.3e-50:313:88//Hs.149580:AI281881
 F-OVARC1000640//ESTs//2.6e-55:441:80//Hs.105319:AA470097
 F-OVARC1000649//Human squamous cell carcinoma of esophagus mRNA for GRB-7 SH2 domain protein, com-
 plete cds//1.6e-78:424:93//Hs.86859:D43772
 25 F-OVARC1000661//Homo sapiens mRNA for KIAA0590 protein, complete cds//1.6e-100:536:94//Hs.111862:
 AB011162
 F-OVARC1000678//EST//1.3e-08:131:77//Hs.145970:AI277106
 F-OVARC1000679//ESTs//0.66:223:61//Hs.134782:H74279
 F-OVARC1000681//EST//0.017:315:61//Hs.147799:AI221639
 30 F-OVARC1000682//Homo sapiens alpha 1,2-mannosidase IB mRNA, complete cds//4.8e-153:549:99//Hs.
 125315:AF027156
 F-OVARC1000689//Homo sapiens clone 24640 mRNA sequence//0.030:479:57//Hs.4764:AB018306
 F-OVARC 1000700
 F-OVARC1000703//ESTs//0.41:100:68//Hs.160699:AI284320
 35 F-OVARC1000722//Homo sapiens chromosome 1q21-1q23 beta-1,4-galactosyltransferase mRNA, complete cds//
 1.2e-110:451:91//Hs.13476:AF038661
 F-OVARC1000730//ESTs, Weakly similar to C27F2.7 gene product [C.elegans]//2.9e-53:318:91//Hs.7049:
 AI141736
 F-OVARC1000746//ESTs//3.2e-123:570:99//Hs.127295:AA918411
 40 F-OVARC1000769//ESTs//0.072:177:67//Hs.142573:AA601196
 F-OVARC1000771//ESTs, Moderately similar to RAS-RELATED PROTEIN RAB-2 [H.sapiens]//1.2e-38:194:99//
 Hs.157059:W28130
 F-OVARC1000781//ESTs//4.0e-14:113:89//Hs.41972:AA626793
 F-OVARC1000787//EST//0.92:91:64//Hs.163258:AA828835
 45 F-OVARC1000800//ESTs//1.6e-44:193:81//Hs.163971:N27584
 F-OVARC1000802//ESTs//4.6e-43:395:80//Hs.115401:AA400032
 F-OVARC1000834//ESTs//1.9e-91:431:99//Hs.154450:AA069390
 F-OVARC1000846//Homo sapiens mRNA for KIAA0643 protein, partial cds//1.9e-151:432:100//Hs.155995:
 AB014543
 50 F-OVARC1000850//Homo sapiens PB39 mRNA, complete cds//3.3e-137:632:99//Hs.18910:AF045584
 F-OVARC1000862//ESTs, Highly similar to gene Fif protein [M.musculus]//6.1e-31:183:93//Hs.108620:AA418155
 F-OVARC1000876//Human DNA binding protein FKHL15 (FKHL15) mRNA, complete cds//0.54:133:69//Hs.
 159234:U89995
 F-OVARC1000883//ESTs//0.44:154:63//Hs.98183:AA417143
 55 F-OVARC1000885//EST//0.91:152:63//Hs.160765 :AI313323
 F-OVARC1000886//ESTs//4.6e-08:375:61//Hs.131653:AI025777
 F-OVARC 1000890
 F-OVARC1000891

EP 1 074 617 A2

F-OVARC1000897//ESTs//1.1e-07:145:69//Hs.119878:AA706818
 F-OVARC1000912//EST//3.6e-08:376:61//Hs.158782:AI376601
 F-OVARC1000915//Homo sapiens mRNA for KIAA0600 protein, partial cds//2.3e-85:419:97//Hs.9028:AF039691
 F-OVARC1000924//ESTs//3.6e-113:540:98//Hs.66058:AA424456
 5 F-OVARC1000936//Human endogenous retrovirus envelope region mRNA (PL1)//4.3e-64:623:72//Hs.114440:
 M11119
 F-OVARC1000937//EST//2.4e-39:170:96//Hs.129138:AA988078
 F-OVARC1000945//ESTs, Weakly similar to protein tyrosine phosphatase [H.sapiens]//2.4e-29:157:97//Hs.
 136243:AA307843
 10 F-OVARC 1000948
 F-OVARC1000959//EST//0.65:293:55//Hs.134725:AI088986
 F-OVARC1000960//Ley I-L//1.4e-41:425:72//Hs.37062:AC005952
 F-OVARC1000964//ESTs//1.4e-95:486:96//Hs.57079:D45288
 F-OVARC1000971//ESTs//0.19:198:62//Hs.153429:AI283069
 15 F-OVARC1000984//Breakpoint cluster region protein BCR//0.26:365:56//Hs.2557:Y00661
 F-OVARC1000996//Human p300/CBP-associated factor (P/CAF) mRNA, complete cds//6.8e-10:312:65//Hs.
 155302:U57317
 F-OVARC1000999//Homo sapiens mRNA for chemokine LEC precursor, complete cds//0.0056:209:62//Hs.10458:
 AF088219
 20 F-OVARC1001000//EST//4.2e-24:242:77//Hs.128952:AA984114
 F-OVARC1001004
 F-OVARC1001010
 F-OVARC1001011//ESTs, Moderately similar to Tera [M.musculus]//3.8e-47:234:99//Hs.110327:AA205866
 F-OVARC1001032//HUMAN IMMUNODEFICIENCY VIRUS TYPE I ENHANCER-BINDING PROTEIN 2//0.0076:
 25 624:57//Hs.75063:AL023584
 F-OVARC1001034//ESTs, Highly similar to mitogen-induced [M.musculus]//3.9e-97:578:89//Hs.111974:AI050735
 F-OVARC1001038//Homo sapiens TRIAD1 type I mRNA, complete cds//8.6e-152:733:97//Hs.9899:AF099149
 F-OVARC 1001040//ESTs//2.2e-38:204:96//Hs.128927:AI168074
 F-OVARC1001044//EST//0.036:304:61//Hs.137342:AA017385
 30 F-OVARC1001051
 F-OVARC1001055//Human pre-B cell enhancing factor (PBEF) mRNA, complete cds//1.1e-46:381:81//Hs.
 154968:U02020
 F-OVARC1001062//ESTs//0.020:265:60//Hs.146226:AI312873
 F-OVARC1001065//ESTs, Weakly similar to C50F4.12 [C.elegans]//1.4e-21:183:84//Hs.46680:AA809451
 35 F-OVARC1001068//Homo sapiens Era GTPase A protein (HERA-A) mRNA, partial cds//6.6e-132:620:98//Hs.
 3426:AF082657
 F-OVARC1001072//ESTs//1.1e-24:289:74//Hs.139614:AA709013
 F-OVARC1001074//ESTs//0.059:198:63//Hs.59974:AA001937
 F-OVARC1001085//H.sapiens mRNA for sortilin//0.99:142:67//Hs.104247:X98248
 40 F-OVARC1001092//Homo sapiens mRNA for JM5 protein, complete CDS (clone IMAGE 53337,
 LLNLc110F1857Q7 (RZPD Berlin) and LLNLc110G0913Q7 (RZPD Berlin))//1.3e-75:289:95//Hs.21753:AJ005897
 F-OVARC1001107//Homo sapiens SKB1Hs mRNA, complete cds//1.2e-73:351:86//Hs.12912:AF015913
 F-OVARC1001113//Homo sapiens diaphanous 1 (HDIA1) mRNA, complete cds//2.1e-151:710:98//Hs.26584:
 AF051782
 45 F-OVARC1001117//ESTs//3.8e-73:347:99//Hs.116029:AA813102
 F-OVARC1001118
 F-OVARC1001129
 F-OVARC1001154//Granulin//2.4e-94:686:83//Hs.75451:AF055008
 F-OVARC1001161//ESTs//2.2e-40:208:97//Hs.113006:AA621725
 50 F-OVARC1001162
 F-OVARC1001167
 F-OVARC1001169//ESTs//0.81:158:63//Hs.48527:AI078279
 F-OVARC1001170//ESTs//9.0e-87:412:99//Hs.116550:AA813287
 F-OVARC1001171//ESTs//4.9e-26:167:79//Hs.139158:AA226159
 55 F-OVARC1001173//ESTs, Moderately similar to GLUTAMATE DEHYDROGENASE 1 PRECURSOR [Homo sapi-
 ens]//1.8e-11:192:69//Hs.130020:AA887581
 F-OVARC1001176//Homo sapiens chromosome 19, cosmid R26529//0.61:387:58//Hs.91103:AC005551
 F-OVARC1001180//ESTs, Weakly similar to ubiquitin S6(1) [D.melanogaster]//1.5e-13:199:71//Hs.109966:

C06057

F-OVARC1001188//ESTs, Weakly similar to HYPOTHETICAL 27.8 KD PROTEIN IN VMA7-RPS31A INTERGENIC REGION [S.cerevisiae]//1.4e-52:324:90//Hs.114673:W72675

F-OVARC1001200//ESTs//3.9e-16:104:94//Hs.125520:AA883889

5 F-OVARC1001232//Cyclin A//0.95:124:67//Hs.85137:X51688

F-OVARC1001240//EST//0.017:351:60//Hs.120655:AA745676

F-OVARC1001243//ESTs//0.78:291:59//Hs.132458:AI424825

F-OVARC1001244//RING3 PROTEIN//2.8e-19:118:95//Hs.75243:D42040

F-OVARC1001261//EST//1.9e-42:225:96//Hs.158854:AI377837

10 F-OVARC1001268//ESTs//0.66:239:61//Hs.132525:AA576821

F-OVARC1001270//ESTs//0.99:204:60//Hs.144647:AA625224

F-OVARC1001271//Homo sapiens mRNA for KIAA0643 protein, partial cds//6.8e-144:644:96//Hs.155995:AB014543

F-OVARC1001282//ESTs, Weakly similar to Ydr438wp [S.cerevisiae]//0.11:355:60//Hs.108812:AA044835

15 F-OVARC1001296//ESTs//1.1e-46:237:98//Hs.33746:N78172

F-OVARC1001306//Homo sapiens nuclear receptor co-repressor N-CoR mRNA, complete cds//0.20:188:64//Hs.152455:AF044209

F-OVARC1001329//ESTs//1.4e-97:486:97//Hs.125886:AA884264

F-OVARC1001330

20 F-OVARC1001339//Solute carrier family 4, anion exchanger, member 2 (erythrocyte membrane protein band 3-like 1)//0.021:232:62//Hs.79410:U62531

F-OVARC1001341//ESTs, Weakly similar to C17G10.1 [C.elegans]//2.5e-76:363:99//Hs.105837:AA536054

F-OVARC1001342//EST//0.98:97:65//Hs.148210:AA897493

F-OVARC1001344//EST//5.3e-10:241:64//Hs.138777:N67251

25 F-OVARC1001357//Homo sapiens jerky gene product homolog mRNA, complete cds//0.64:198:61//Hs.105940:AF004715

F-OVARC1001360//ESTs//4.9e-87:429:97//Hs.130145:AI264633

F-OVARC1001369//ESTs//6.3e-07:371:62//Hs.131653:AI025777

30 F-OVARC1001372//Homo sapiens mRNA for KIAA0654 protein, partial cds//1.4e-69:533:74//Hs.109299:AB014554

F-OVARC1001376//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//2.5e-49:365:73//Hs.129735:AF010144

F-OVARC1001381//Homo sapiens mRNA for candidate tumor suppressor involved in B-CLL//4.1e-149:683:99//Hs.151428:AJ224819

35 F-OVARC1001391//Homo sapiens methyl-CpG binding protein MBD2 (MBD2) mRNA, complete cds//0.097:235:65//Hs.25674:AF072242

F-OVARC1001399//ESTs//1.1e-35:264:83//Hs.59379:W28225

F-OVARC1001417//Homo sapiens EXLM1 mRNA, complete cds//1.3e-150:707:98//Hs.21586:AB006651

F-OVARC1001419//Homo sapiens GOK (STIM1) mRNA, complete cds//1.6e-49:586:69//Hs.74597:U52426

40 F-OVARC1001425//ESTs//2.4e-11:258:67//Hs.119197:T83651

F-OVARC1001436

F-OVARC1001442

F-OVARC1001453

45 F-OVARC1001476//ESTs, Weakly similar to HYPOTHETICAL 38.6 KD PROTEIN IN TIF4631-KRE11 INTERGENIC REGION [S.cerevisiae]//1.9e-125:581:99//Hs.110950:AI041823

F-OVARC1001480//ESTs//0.95:125:72//Hs.152584:AA584568

F-OVARC1001489//EST//4.9e-72:341:100//Hs.148191:AA897343

F-OVARC1001496//Homo sapiens C-terminal binding protein 2 mRNA, complete cds//2.6e-86:479:92//Hs.6534:AF016507

50 F-OVARC1001506//Polycystic kidney disease 1 (autosomal dominant)//1.1e-97:538:92//Hs.75813:L33243

F-OVARC1001525

F-OVARC1001542//Envoplakin//0.34:258:60//Hs.25482:U53786

F-OVARC1001547//EST//0.0046:237:62//Hs.54638:N90595

F-OVARC1001555

55 F-OVARC1001577//Homo sapiens SRp46 splicing factor retropseudogene mRNA//6.8e-57:275:98//Hs.155160:AF031166

F-OVARC1001600//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//0.0035:271:60//Hs.108465:AI144299

F-OVARC1001610//ESTs, Weakly similar to F22E10.5 [C.elegans]//1.4e-43:216:99//Hs.120002:AI038398
 F-OVARC1001611
 F-OVARC1001615//EST//0.99:135:68//Hs.129410:AA993500
 F-OVARC1001668//Homo sapiens mRNA for KIAA0572 protein, partial cds//3.3e-37:217:94//Hs.14409:AB011144
 5 F-OVARC1001702//Homo sapiens mRNA for hSOX20 protein, complete cds//5.9e-49:393:81//Hs.95582:
 AB006867
 F-OVARC1001703//EST//1.7e-24:172:88//Hs.121198:AA757229
 F-OVARC1001711//Fms-related tyrosine kinase 3 ligand//0.049:353:61//Hs.428:U03858
 F-OVARC1001713//ESTs//8.9e-37:263:86//Hs.110298:AA621807
 10 F-OVARC1001726//ESTs//2.0e-12:121:82//Hs.153332:AA236863
 F-OVARC1001731//Tropomyosin beta chain (skeletal muscle)//1.7e-83:617:80//Hs.155652:X06825
 F-OVARC1001745//EST//0.75:174:64//Hs.146778:AI148588
 F-OVARC1001762
 F-OVARC1001766//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds//
 15 1.4e-150:706:98//Hs.155377:U97670
 F-OVARC1001767//Homo sapiens mRNA for KIAA0675 protein, complete cds//9.8e-117:580:96//Hs.15869:
 AB014575
 F-OVARC 1001768//ESTs//0.035:179:64//Hs.87279:AI218697
 F-OVARC1001791
 20 F-OVARC1001795//ESTs//0.19:68:76//Hs.37699:AA062830
 F-OVARC1001802//EST//3.7e-45:254:92//Hs.130620:AI005102
 F-OVARC1001805//Homo sapiens mRNA for KIAA0744 protein, complete cds//0.77:362:58//Hs.116753:
 AB018287
 F-OVARC1001809//Human N-type calcium channel alpha-1 subunit mRNA, complete cds//2.2e-07:435:62//Hs.
 25 69949:M94172
 F-OVARC1001812//ESTs//3.0e-47:360:83//Hs.141756:AA700825
 F-OVARC1001813//EST//1.8e-57:277:100//Hs.162414:AA573453
 F-OVARC1001820//ESTs//1.4e-64:310:99//Hs.137398:AA164567
 F-OVARC1001828//EST//1.0e-09:184:66//Hs.130435:AA923537
 30 F-OVARC1001846//ESTs//1.8e-80:410:97//Hs.114539:N54973
 F-OVARC1001861
 F-OVARC1001873//Homo sapiens clones 24718 and 24825 mRNA sequence//3.9e-20:122:95//Hs.25300:
 AF070611
 F-OVARC1001879//Homo sapiens putative tumor suppressor gene 26 protein alpha 2 delta calcium channel sub-
 35 unit mRNA, complete cds//0.042:199:67//Hs.127436:AF040709
 F-OVARC1001880//Interferon regulatory factor 5//1.1e-06:489:60//Hs.54434:U51127
 F-OVARC1001883//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//9.5e-33:509:68//Hs.
 158095:AB007953
 F-OVARC1001900//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1) mRNA, complete cds//
 40 2.6e-57:300:96//Hs.6216:AF061749
 F-OVARC1001901//ESTs//2.3e-07:185:69//Hs.145630:AI263834
 F-OVARC1001911//EST//0.88:101:66//Hs.162622:AA601261
 F-OVARC1001916//H.sapiens mRNA for prepronociceptin//1.0:540:58//Hs.89040:U48263
 F-OVARC1001928
 45 F-OVARC1001942//Human plectin (PLEC1) mRNA, complete cds//0.038:290:62//Hs.79706:U53204
 F-OVARC1001943//ESTs, Weakly similar to HYPOTHETICAL 62.2 KD PROTEIN ZK652.6 IN CHROMOSOME III
 [C.elegans]//2.3e-119:565:98//Hs.5392:AA313794
 F-OVARC1001949//KRAB zinc finger protein {alternative products}//1.8e-17:294:67//Hs.22556:U37251
 F-OVARC1001950//ESTs//1.5e-15:300:65//Hs.138501:AI051228
 50 F-OVARC1001987//ESTs//6.7e-34:202:92//Hs.115600:AA351639
 F-OVARC1001989//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.2e-23:
 213:78//Hs.105292:AA504776
 F-OVARC1002044//EST//0.26:164:66//Hs.161094:N30417
 F-OVARC1002050//Homo sapiens mRNA for KIAA0465 protein, partial cds//6.6e-160:739:98//Hs.108258:
 55 AB007934
 F-OVARC1002066//ESTs//1.8e-103:482:99//Hs.124923:AI375865
 F-OVARC1002082//EST//2.5e-09:213:67//Hs.112810:AA610063
 F-OVARC1002107

- F-OVARC1002112//Homo sapiens histone macroH2A1.2 mRNA, complete cds//2.7e-101:498:96//Hs.75258:AF054174
- F-OVARC1002127//ESTs//1.6e-76:397:96//Hs.33432:R83913
- F-OVARC1002138//Homo sapiens p60 katanin mRNA, complete cds//3.5e-20:399:62//Hs.112725:AF056022
- 5 F-OVARC1002143//EST//4.2e-09:240:65//Hs.140547:AA812795
- F-OVARC1002156//EST//0.35:112:66//Hs.136761:AA738097
- F-OVARC1002158//ESTs, Weakly similar to Y53C12A.3 [C.elegans]//7.4e-07:329:58//Hs.107747:AI357868
- F-OVARC1002165//H.sapiens BDP1 mRNA for protein-tyrosine-phosphatase//0.00010:300:64//Hs.118929:X79568
- 10 F-OVARC1002182//Homo sapiens ataxin-7 (SCA7) mRNA, complete cds//0.19:178:64//Hs.108447:AJ000517
- F-PLACE1000004//ESTs//0.79:332:59//Hs.120221:AA731230
- F-PLACE1000005//ESTs//1.8e-10:89:87//Hs.158913:AI378928
- F-PLACE1000007//Homo sapiens ubiquitin hydrolyzing enzyme I (UBH1) mRNA, partial cds//1.2e-52:550:72//Hs.42400:AF022789
- 15 F-PLACE1000014
- F-PLACE1000031
- F-PLACE1000040//ESTs//3.1e-18:123:91//Hs.138387:AA873088
- F-PLACE1000048//ESTs//1.2e-43:387:78//Hs.61199:AA024494
- F-PLACE1000050//ESTs//1.8e-84:421:96//Hs.128632:AI076755
- 20 F-PLACE1000061//Ribosomal protein L37a//5.5e-29:177:93//Hs.1946:L06499
- F-PLACE1000066//ESTs, Weakly similar to coded for by C. elegans cDNA yk10c10.3 [C.elegans]//1.4e-47:266:93//Hs.30026:AI356771
- F-PLACE1000078//ESTs, Weakly similar to !!!! ALU SUBFAMILY SB1 WARNING ENTRY !!!! [H.sapiens]//6.4e-15:203:70//Hs.157422:R85366
- 25 F-PLACE1000081//Human transporter protein (g17) mRNA, complete cds//0.30:324:60//Hs.76460:U49082
- F-PLACE1000094
- F-PLACE1000133//ESTs, Highly similar to TRANSCRIPTION FACTOR BTF3 [Homo sapiens]//6.2e-82:476:92//Hs.111081:AI380378
- F-PLACE1000142//ESTs, Weakly similar to enoyl-CoA hydratase [H.sapiens]//7.7e-27:205:85//Hs.9670:AA632135
- 30 F-PLACE1000184//Homo sapiens estrogen-related receptor gamma mRNA, complete cds//2.5e-151:737:97//Hs.151017:AF058291
- F-PLACE1000185
- F-PLACE1000213
- 35 F-PLACE1000214//ESTs//0.00059:335:59//Hs.143849:AI167255
- F-PLACE1000236//Fanconi anemia, complementation group A//0.44:306:61//Hs.86297:X99226
- F-PLACE1000246//ESTs//7.3e-80:457:89//Hs.57209:W22022
- F-PLACE1000292//ESTs//1.8e-05:323:60//Hs.59962:AI278202
- F-PLACE1000308//EST//0.0024:253:62//Hs.144238:W52294
- 40 F-PLACE1000332//EST//5.6e-18:223:74//Hs.99532:AA461047
- F-PLACE1000347//ESTs//6.4e-33:169:99//Hs.122975:AA428675
- F-PLACE1000374//Human CCAAT-box-binding factor (CBF) mRNA, complete cds//0.26:45:95//Hs.147991:M37197
- F-PLACE1000380//Homo sapiens proline and glutamic acid rich nuclear protein isoform mRNA, partial cds//1.0:262:58//Hs.102732:U88153
- 45 F-PLACE1000383//Myotubular myopathy 1//1.1e-50:669:67//Hs.75302:U46024
- F-PLACE1000401//Homo sapiens mRNA for KIAA0616 protein, partial cds//0.036:471:58//Hs.6051:AB014516
- F-PLACE1000406//ESTs, Highly similar to PTB-ASSOCIATED SPLICING FACTOR [Homo sapiens]//8.7e-63:346:93//Hs.19501:AA742260
- 50 F-PLACE1000420//Homo sapiens mRNA for KIAA0602 protein, partial cds//0.0023:216:65//Hs.37656:AB011174
- F-PLACE1000421//Human lipid-activated protein kinase PRK1 mRNA, complete cds//0.55:212:63//Hs.2499:U33053
- F-PLACE1000424
- F-PLACE1000435//Homo sapiens mRNA for XPR2 protein//0.58:674:55//Hs.44766:AJ007590
- 55 F-PLACE1000444//Fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase, Bombay phenotype included) //2.7e-52:421:80//Hs.69747:M35531
- F-PLACE1000453//Human mRNA for MTG8a protein, complete cds//0.026:240:60//Hs.31551:D43638
- F-PLACE1000481//Oxytocin receptor//1.6e-25:347:71//Hs.2820:X64878

EP 1 074 617 A2

F-PLACE1000492//Human mRNA for KIAA0355 gene, complete cds//0.58:302:60//Hs.153014:AB002353
 F-PLACE1000540//EST//0.32:229:59//Hs.163011:AA700573
 F-PLACE1000547//Human heparan sulfate proteoglycan (HSPG2) mRNA, complete cds//0.0046:223:65//Hs.75578:M85289
 5 F-PLACE1000562
 F-PLACE1000564//ESTs//8.0e-35:247:89//Hs.12999:AA278538
 F-PLACE1000583//Homo sapiens clone 23939 mRNA sequence//6.6e-47:525:72//Hs.21838:AF038179
 F-PLACE1000588//Guanylate binding protein 1, interferon-inducible, 67kD//2.3e-85:503:88//Hs.62661:M55542
 F-PLACE1000596//Homo sapiens mRNA for NS1-binding protein (NS1-BP)//1.2e-165:798:97//Hs.159597:
 10 AJ012449
 F-PLACE1000599//ESTs//0.65:201:58//Hs.98216:AA758751
 F-PLACE1000610//Homo sapiens mRNA for KIAA0642 protein, partial cds//0.98:215:60//Hs.8152:AB014542
 F-PLACE1000611//ESTs//7.2e-20:406:64//Hs.128966:AA620986
 F-PLACE1000636
 15 F-PLACE1000653//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds//5.0e-154:747:96//Hs.5819:AF102265
 F-PLACE1000656//Homo sapiens mRNA for JM4 protein, complete CDS (clone IMAGE 546750 and LLNLc110F1857Q7 (RZPD Berlin))//7.5e-158:775:97//Hs.29595:AJ005896
 F-PLACE1000706//Homo sapiens transcription intermediary factor 1 (TIF1) mRNA, complete cds//1.0e-57:675:
 20 69//Hs.128763:AF009353
 F-PLACE1000712//EST//0.56:171:61//Hs.112790:AA609949
 F-PLACE1000716//Human mRNA for KIAA0258 gene, complete cds//6.1e-38:426:70//Hs.47313:D87447
 F-PLACE1000748//ESTs//2.6e-43:233:95//Hs.110754:AA112288
 F-PLACE1000749//Human MAGE-9 antigen (MAGE9) gene, complete cds//0.72:331:57//Hs.37110:U10694
 25 F-PLACE1000755//NUCLEOLIN//0.0038:186:66//Hs.79110:M60858
 F-PLACE1000769
 F-PLACE1000785//Homo sapiens mRNA for KIAA0648 protein, partial cds//1.1e-139:663:98//Hs.31921:AB014548
 F-PLACE1000786//Myosin, heavy polypeptide 9, non-muscle//8.5e-06:362:59//Hs.44782:Z82215
 30 F-PLACE1000793//ESTs//2.7e-62:315:97//Hs.16141:W56079
 F-PLACE1000798//ESTs//1.4e-55:316:93//Hs.139119:N32189
 F-PLACE1000841//EST//0.47:143:61//Hs.144096:AI032180
 F-PLACE1000849//Homo sapiens CAGF9 mRNA, partial cds//1.6e-06:266:63//Hs.110826:U80736
 F-PLACE1000856//ESTs//2.6e-60:319:96//Hs.25994:AA470000
 35 F-PLACE1000863//EST//9.4e-29:249:78//Hs.121919:AA777428
 F-PLACE1000909//ESTs//0.97:214:60//Hs.128601:AA906455
 F-PLACE1000931//ESTs//2.1e-46:592:70//Hs.154244:AA195201
 F-PLACE1000948
 F-PLACE1000972//Homo sapiens enhancer of filamentation (HEF1) mRNA, complete cds//7.9e-10:294:66//Hs.80261:L43821
 40 F-PLACE1000977//ESTs, Weakly similar to coded for by C. elegans cDNA yk28h2.5 [C.elegans]//9.3e-45:309:88//Hs.13531:R61789
 F-PLACE1000979//Zinc finger protein 91 (HPF7, HTF10)//0.0034:229:62//Hs.8597:L11672
 F-PLACE1000987//Homo sapiens mRNA for KIAA0724 protein, complete cds//2.6e-141:694:96//Hs.158497:AB018267
 45 F-PLACE1001000//ESTs//0.0035:116:73//Hs.144532:H39913
 F-PLACE1001007//Guanylate cyclase 2D, membrane (retina-specific)//0.050:338:61//Hs.1974:M92432
 F-PLACE1001010//H.sapiens mRNA for retrotransposon//1.6e-45:371:80//Hs.6940:Z48633
 F-PLACE1001015//ESTs//8.6e-27:211:71//Hs.88040:AA256876
 50 F-PLACE1001024
 F-PLACE1001036//EST//1.0:133:65//Hs.161424:AI424741
 F-PLACE1001054//Human plectin (PLEC1) mRNA, complete cds//0.98:284:59//Hs.79706:U53204
 F-PLACE1001062
 F-PLACE1001076//EST//0.84:223:59//Hs.161147:AI417859
 55 F-PLACE1001088
 F-PLACE1001092//Homo sapiens sorting nexin 4 mRNA, complete cds//1.0e-96:489:96//Hs.95448:AF065485
 F-PLACE1001104//ESTs//0.19:249:64//Hs.152627:AA595817
 F-PLACE1001118//Homo sapiens KRAB domain zinc finger protein (ZFP37) mRNA, complete cds//8.2e-66:676:

71//Hs.150406:AF022158
 F-PLACE1001136//Amphiregulin (schwannoma-derived growth factor)//1.5e-16:122:91//Hs.1257:M30704
 F-PLACE1001168
 F-PLACE1001171//ESTs//4.3e-12:214:72//Hs.141392:R95135
 5 F-PLACE1001185//ESTs, Weakly similar to ZK792.1 [C.elegans]//1.6e-28:421:66//Hs.8763:W30741
 F-PLACE1001238
 F-PLACE1001241//ESTs//1.1e-22:225:79//Hs.159786:R49494
 F-PLACE1001257//ESTs//1.9e-23:165:89//Hs.126518:AA913929
 F-PLACE1001272//COATOMER BETA'SUBUNIT//0.012:50:96//Hs.75724:X70476
 10 F-PLACE1001279//ESTs//0.97:377:59//Hs.152628:N51283
 F-PLACE1001280//Homo sapiens hyperpolarization-activated channel 1 (IH1) mRNA, partial cds//1.2e-08:586:58//Hs.124161:AF065164
 F-PLACE1001294//Homo sapiens mRNA for myosin phosphatase target subunit 1 (MYPT1)//0.91:221:61//Hs.16533:D87930
 15 F-PLACE1001304//Human zinc finger protein mRNA, complete cds//8.6e-08:370:60//Hs.42672:AF016052
 F-PLACE1001311//ESTs//1.7e-44:480:73//Hs.155384:Z78385
 F-PLACE1001323//ESTs//1.1e-25:151:95//Hs.134120:AA699591
 F-PLACE1001351
 F-PLACE1001366//Homo sapiens mRNA for KIAA0799 protein, partial cds//2.8e-26:155:95//Hs.61638:AB018342
 20 F-PLACE1001377//Homo sapiens ADAM10 (ADAM10) mRNA, complete cds//3.4e-44:393:79//Hs.152005:AF009615
 F-PLACE1001383//ESTs//1.0:159:65//Hs.128501:AA973748
 F-PLACE1001384//Homo sapiens multi PDZ domain protein MUPP1 (MUPP1) mRNA, complete cds//2.6e-09:117:84//Hs.21301:AF093419
 25 F-PLACE1001387//ESTs, Weakly similar to EPIDERMAL GROWTH FACTOR RECEPTOR KINASE SUBSTRATE EPS8 [H.sapiens]//0.00083:187:64//Hs.5399:N30646
 F-PLACE1001395//Homo sapiens mRNA for putative DNA methyltransferase, complete CDS//0.0038:496:57//Hs.97681:AJ223333
 F-PLACE1001399//Human melanoma antigen recognized by T-cells (MART-1) mRNA//7.0e-45:456:75//Hs.154069:U06452
 30 F-PLACE1001412//Homo sapiens clone 643 unknown mRNA, complete sequence//6.5e-71:365:96//Hs.110404:AF091087
 F-PLACE1001414//EST//1.2e-75:364:98//Hs.136622:AA633232
 F-PLACE1001440//ESTs//2.8e-05:163:66//Hs.141082:H18987
 35 F-PLACE1001456//EST//0.95:132:61//Hs.20373:R09510
 F-PLACE1001468//ESTs//0.00019:184:66//Hs.126536:AI379455
 F-PLACE1001484//EST//8.6e-18:190:76//Hs.160992:H52716
 F-PLACE1001502//Apolipoprotein E//2.5e-05:306:60//Hs.76260:M12529
 F-PLACE1001503
 40 F-PLACE1001517//ESTs//1.9e-12:138:78//Hs.120352:AA718914
 F-PLACE1001534//EST//0.015:121:65//Hs.144156:R85753
 F-PLACE1001545
 F-PLACE1001551
 F-PLACE1001570//EST//0.58:286:59//Hs.120202:AA728835
 45 F-PLACE1001602//Human POU domain protein (Brn-3b) mRNA, complete cds//0.013:159:66//Hs.266:U06233
 F-PLACE1001603//Homo sapiens nitrilase 1 (NIT1) mRNA, complete cds//1.1e-10:133:77//Hs.146406:AF069987
 F-PLACE1001608//ESTs//0.022:187:60//Hs.145915:AI342230
 F-PLACE1001610//ESTs//1.4e-77:377:97//Hs.115700:AA808005
 F-PLACE1001611//Human faciogenital dysplasia (FGD1) mRNA, complete cds//0.96:141:66//Hs.1572:U11690
 50 F-PLACE1001632//Homo sapiens mRNA for KIAA0798 protein, complete cds//3.4e-76:702:75//Hs.159277:AB018341
 F-PLACE1001634//ESTs//1.2e-43:260:92//Hs.134064:AI276198
 F-PLACE1001640
 F-PLACE1001672//EST//2.8e-21:201:82//Hs.123341:AA810927
 55 F-PLACE1001691//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds//2.8e-148:726:96//Hs.3688:AF069250
 F-PLACE1001692//ESTs, Highly similar to S-ACYL FATTY ACID SYNTHASE THIOESTERASE, MEDIUM CHAIN [Rattus norvegicus]//1.1e-95:481:92//Hs.24309:AI125696

EP 1 074 617 A2

F-PLACE1001705//Human RNA polymerase III subunit (RPC39) mRNA, complete cds//6.0e-30:347:76//Hs.101555:U93869

F-PLACE1001716//Human mRNA for KIAA0191 gene, partial cds//2.1e-69:369:73//Hs.12413:D83776

F-PLACE1001720//ESTs//1.2e-27:146:99//Hs.106432:AI391686

5 F-PLACE1001729//Homo sapiens mRNA for KIAA0522 protein, partial cds//0.0084:484:60//Hs.129892:AB011094

F-PLACE1001739//Histidine-rich calcium binding protein//0.14:240:64//Hs.1480:M60052

F-PLACE1001740//ESTs//4.9e-32:343:74//Hs.139158:AA226159

F-PLACE1001745

F-PLACE1001746//ESTs//7.0e-15:168:80//Hs.46601:N78361

10 F-PLACE1001748//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds//2.8e-160:773:97//Hs.4812:AF061243

F-PLACE1001756//Homo sapiens tapasin (NGS-17) mRNA, complete cds//2.7e-35:269:83//Hs.5247:AF029750

F-PLACE1001761//ESTs//6.9e-27:159:93//Hs.78277:AA131283

F-PLACE1001771//Human putative calcium influx channel (htrp3) mRNA, complete cds//3.4e-52:548:72//Hs.150981:U47050

15 F-PLACE1001781

F-PLACE1001799//EST//5.4e-07:145:70//Hs.121840:AA776115

F-PLACE1001810//ESTs//0.024:134:67//Hs.43134:AA766138

F-PLACE1001817//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS) mRNA, partial cds//3.6e-110:546:96//Hs.40820:AF058953

20 F-PLACE1001821

F-PLACE1001844//ESTs//5.4e-45:387:79//Hs.61199:AA024494

F-PLACE1001845//ESTs//2.5e-47:232:100//Hs.120809:AA150214

F-PLACE1001869//EST//1.0:139:59//Hs.122285:AA781906

25 F-PLACE1001897//ESTs//0.29:348:57//Hs.139993:AI343257

F-PLACE1001912//ESTs//4.0e-10:95:89//Hs.13475:R18220

F-PLACE1001920//Homo sapiens TNF-induced protein GG2-1 mRNA, complete cds//4.0e-153:685:95//Hs.17839:AF099936

F-PLACE1001928//H.sapiens HUMM9 mRNA//0.063:196:66//Hs.2750:X74837

30 F-PLACE1001983//Homo sapiens Jagged 2 mRNA, complete cds//9.8e-06:431:58//Hs.106387:AF029778

F-PLACE1001989

F-PLACE1002004

F-PLACE1002046

F-PLACE1002052//Human mRNA for phospholipase C, complete cds//0.0092:465:58//Hs.153322:D42108

35 F-PLACE1002066//EST//0.49:307:61//Hs.150652:AA908555

F-PLACE1002072//EST//1.0:103:65//Hs.116488:F13707

F-PLACE1002073//Homo sapiens mRNA for KIAA0606 protein, partial cds//4.2e-39:635:64//Hs.38176:AB011178

F-PLACE1002090//Homo sapiens signal recognition particle 72 (SRP72) mRNA, complete cds//4.3e-83:388:99//Hs.5171:AF069765

40 F-PLACE1002115//EST//0.18:215:62//Hs.135747:AI002637

F-PLACE1002119//Human transcription factor ETR101 mRNA, complete cds//6.2e-13:384:61//Hs.737:M62831

F-PLACE1002140//EST, Moderately similar to ALPHA-1-ANTITRYPSIN PRECURSOR [Homo sapiens]//0.89:60:75//Hs.144290:T61747

F-PLACE1002150//ESTs//0.56:245:64//Hs.24119:AA115631

45 F-PLACE1002157//Human mRNA for KIAA0392 gene, partial cds//2.8e-51:440:79//Hs.40100:AB002390

F-PLACE1002163//ESTs//0.76:212:61//Hs.112494:AI366891

F-PLACE1002170//ESTs//6.5e-09:108:76//Hs.41418:H90627

F-PLACE1002171//ESTs//3.5e-81:493:89//Hs.122553:H66674

F-PLACE1002205//Human clone 23695 mRNA sequence//0.00080:472:60//Hs.90798:U79289

50 F-PLACE1002213//ESTs//0.041:146:67//Hs.119162:AA399989

F-PLACE1002227//ESTs//9.4e-06:173:66//Hs.127882:AI024442

F-PLACE1002256//ESTs//1.8e-93:440:99//Hs.128700:AA970935

F-PLACE1002259//Human Line-1 repeat mRNA with 2 open reading frames//2.3e-75:434:83//Hs.23094:M19503

F-PLACE1002319//ESTs//0.82:188:62//Hs.50918:AA036675

55 F-PLACE1002342//EST//0.61:148:66//Hs.144319:AA280279

F-PLACE1002395//ESTs//1.2e-18:168:83//Hs.3853:AA034291

F-PLACE1002399//EST//0.0011:166:65//Hs.137500:AA436710

F-PLACE1002433//ESTs//1.2e-14:151:80//Hs.161837:AA421067

EP 1 074 617 A2

F-PLACE1002437//Human ATP binding cassette transporter (ABCR) mRNA, complete cds//2.6e-23:458:66//Hs.40993:AF000148
 F-PLACE1002438//EST//0.81:48:77//Hs.158575:AI368947
 F-PLACE1002450//Homo sapiens KRAB domain zinc finger protein (ZFP37) mRNA, complete cds//7.1e-07:270:66//Hs.150406:AF022158
 5 F-PLACE1002465
 F-PLACE1002474//Homo sapiens mRNA for matrilin-4, partial//1.3e-14:369:63//Hs.129361:AJ007581
 F-PLACE1002477//ESTs//3.5e-13:125:71//Hs.145032:AA343523
 F-PLACE1002493
 10 F-PLACE1002499
 F-PLACE1002500//Human putative zinc transporter ZnT-3 (ZnT-3) mRNA, complete cds//4.3e-19:708:59//Hs.111967:U76010
 F-PLACE1002514//ESTs//3.1e-07:178:66//Hs.70932:AA126482
 F-PLACE1002529//Homo sapiens mRNA for KIAA0713 protein, partial cds//2.9e-144:583:95//Hs.88756:
 15 AB018256
 F-PLACE1002532//Homo sapiens BAC clone RG300E22 from 7q21-q31.1//3.1e-115:566:96//Hs.99348:AC004774
 F-PLACE1002537//Thiopurine S-methyltransferase//1.9e-28:198:86//Hs.51124:AF019369
 F-PLACE1002571//Homo sapiens mRNA for TP55, complete cds//0.99:274:59//Hs.138202:AF027866
 20 F-PLACE1002578//ESTs//7.3e-10:185:73//Hs.41418:H90627
 F-PLACE1002583//EST//0.0028:348:61//Hs.160396:AI393725
 F-PLACE1002591//Human mRNA for actin binding protein p57, complete cds//2.8e-27:279:74//Hs.109606:D44497
 F-PLACE1002598//EST//0.011:209:62//Hs.131470:AI024187
 25 F-PLACE1002604//EST//0.47:220:61//Hs.145434:AI198915
 F-PLACE1002625
 F-PLACE1002655//GELSOLIN PRECURSOR, PLASMA//1.7e-36:693:62//Hs.80562:X04412
 F-PLACE1002665//EST//0.15:156:65//Hs.161793:AA380706
 F-PLACE1002685//Homo sapiens B cell linker protein BLNK mRNA, alternatively spliced, complete cds//1.1e-187:
 30 804:97//Hs.124903:AF068180
 F-PLACE1002714//Human involucrin mRNA//3.6e-08:509:60//Hs.157091:M13903
 F-PLACE1002722//Human protease-activated receptor 3 (PAR3) mRNA, complete cds//0.34:230:58//Hs.159196:U92971
 F-PLACE1002768//EST//0.37:126:69//Hs.125353:AA877080
 35 F-PLACE1002772//ESTs//0.0017:147:69//Hs.132439:AA923728
 F-PLACE1002775//EST//5.5e-09:129:75//Hs.135336:AI049827
 F-PLACE1002782//Homo sapiens I-1 receptor candidate protein mRNA, complete cds//0.0031:298:62//Hs.26285:AF082516
 F-PLACE1002794//ESTs//0.71:125:66//Hs.97441:AI368926
 40 F-PLACE1002811//Human mRNA for KIAA0172 gene, partial cds//5.8e-46:567:70//Hs.77546:D79994
 F-PLACE1002815
 F-PLACE1002816//Homo sapiens mRNA for KIAA0600 protein, partial cds//4.3e-70:687:73//Hs.9028:AF039691
 F-PLACE1002834//ESTs//2.6e-41:393:74//Hs.120206:AI089163
 F-PLACE1002839//ESTs//0.26:177:63//Hs.149013:AI334167
 45 F-PLACE1002851//EST//0.0034:102:72//Hs.129630:AI000405
 F-PLACE1002853//ESTs//1.1e-20:136:90//Hs.125895:AA889024
 F-PLACE1002881//Interleukin 10//1.1e-41:454:72//Hs.2180:M57627
 F-PLACE1002908//ESTs//3.8e-48:325:88//Hs.54702:AI040029
 F-PLACE1002941//ESTs//5.0e-18:128:88//Hs.17376:AA855056
 50 F-PLACE1002962
 F-PLACE1002968//ESTs, Highly similar to trg gene product [R.norvegicus]//0.031:372:59//Hs.8021:AI041815
 F-PLACE1002991
 F-PLACE1002993
 F-PLACE1002996//ESTs, Weakly similar to T20D3.3 [C.elegans]//1.3e-12:104:86//Hs.124808:T86959
 55 F-PLACE1003025//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0510//0.99:192:64//Hs.92660:AB007979
 F-PLACE1003027//Homo sapiens mRNA for KIAA0516 protein, partial cds//2.0e-131:632:97//Hs.129872:AB011088

EP 1 074 617 A2

F-PLACE1003044//Homo sapiens mRNA for KIAA0667 protein, partial cds//2.7e-14:555:58//Hs.154740:AB014567
 F-PLACE1003045
 F-PLACE1003092//ESTs//1.1e-108:506:99//Hs.22119:AA885491
 5 F-PLACE1003100//Human Hep27 protein mRNA, complete cds//2.9e-66:650:73//Hs.102137:U31875
 F-PLACE1003108//EST//0.016:181:65//Hs.119762:AA703419
 F-PLACE1003136
 F-PLACE1003145
 F-PLACE1003153//ESTs//3.1e-09:209:65//Hs.111583:AA463590
 10 F-PLACE1003174//ESTs//0.073:97:69//Hs.12992:W01997
 F-PLACE1003176//ESTs//3.3e-60:296:90//Hs.58239:AA215797
 F-PLACE1003190//Homo sapiens C19steroid specific UDP-glucuronosyltransferase mRNA, complete cds//0.98:221:60//Hs.139756:U59209
 F-PLACE1003200//EST//0.0021:309:60//Hs.140561:AA765532
 15 F-PLACE1003205//EST//1.2e-07:204:65//Hs.147372:AI208770
 F-PLACE1003238//ESTs//7.4e-62:343:94//Hs.121302:AA758208
 F-PLACE1003249//Insulin-like growth factor 1 (somatomedia C)//0.99:175:62//Hs.85112:X57025
 F-PLACE1003256
 F-PLACE1003258//H.sapiens mRNA for ZYG homologue//0.00020:217:64//Hs.29285:X99802
 20 F-PLACE1003296//ESTs//2.6e-14:80:86//Hs.155441:AA533106
 F-PLACE1003302//Human repressor transcriptional factor (ZNF85) mRNA, complete cds//4.3e-51:700:67//Hs.37138:U35376
 F-PLACE1003334
 F-PLACE1003342//ESTs//0.94:310:57//Hs.131502:AI023308
 25 F-PLACE1003343//EST//1.2e-09:114:77//Hs.103418:AA035568
 F-PLACE1003353//Homo sapiens breast cancer antiestrogen resistance 3 protein (BCAR3) mRNA, complete cds//2.6e-144:773:92//Hs.6564:U92715
 F-PLACE1003361//ESTs, Weakly similar to ATP SYNTHASE A CHAIN [Trypanosoma brucei brucei]//8.9e-35:332:78//Hs.163820:H71277
 30 F-PLACE1003366//Homo sapiens dysferlin mRNA, complete cds//7.9e-06:502:57//Hs.143897:AF075575
 F-PLACE1003369//NUCLEOLIN//0.00037:282:60//Hs.79110:M60858
 F-PLACE1003373//EST//1.1e-11:420:63//Hs.156592:AI343009
 F-PLACE1003375//EST//0.75:119:68//Hs.160270:AI149069
 F-PLACE1003383
 35 F-PLACE1003394//ESTs, Highly similar to RAS-RELATED PROTEIN RAB-14 [Rattus norvegicus]//8.9e-113:590:94//Hs.125175:AI142546
 F-PLACE1003401//ESTs//0.55:176:66//Hs.154292:AA886178
 F-PLACE1003420//Macrophage stimulating 1 (hepatocyte growth factor-like)//0.40:206:62//Hs.30223:X90846
 F-PLACE1003454//ESTs//0.98:74:72//Hs.127131:AA150912
 40 F-PLACE1003478//EST//5.0e-06:183:69//Hs.127524:AA952874
 F-PLACE1003493//Protein-tyrosine kinase 7//0.98:232:63//Hs.90572:U33635
 F-PLACE1003516//Human kpni repeat mma (cdna clone pcd-kpni-8), 3' end//3.4e-85:357:86//Hs.103948:K00627
 F-PLACE1003519//ESTs//1.6e-33:288:72//Hs.159510:AA297145
 F-PLACE1003521//H.sapiens mRNA for retrotransposon//1.4e-45:269:76//Hs.6940:Z48633
 45 F-PLACE1003528//ESTs//0.65:120:68//Hs.162376:AA570248
 F-PLACE1003537//ESTs, Weakly similar to ZK858.6 [C.elegans]//3.6e-110:543:97//Hs.120416:AA057428
 F-PLACE1003553
 F-PLACE1003566//ESTs//0.0015:508:59//Hs.5724:AA156780
 F-PLACE1003575//Homo sapiens cdc14 homolog mRNA, complete cds//4.4e-05:499:58//Hs.65993:AF000367
 50 F-PLACE1003583//ESTs//5.5e-19:448:63//Hs.161701:AA225932
 F-PLACE1003584//EST//1.6e-46:263:94//Hs.147412:AI209194
 F-PLACE1003592//ESTs, Moderately similar to !!!! ALU CLASS B WARNING ENTRY !!!! [H.sapiens]//1.4e-50:287:93//Hs.154799:AA130620
 F-PLACE1003593//ESTs//0.0025:318:61//Hs.106771:AA806965
 55 F-PLACE1003596//Integral transmembrane protein 1//1.9e-54:685:68//Hs.89650:L38961
 F-PLACE1003602//Homo sapiens mRNA expressed in placenta//3.4e-140:679:97//Hs.56851:D83200
 F-PLACE1003605//Homo sapiens Cdc14B2 phosphatase mRNA, partial cds//0.00065:236:64//Hs.22116:AF064104

F-PLACE1003611//EST//0.00015:318:59//Hs.28788:R66896
 F-PLACE1003618//Human Line-1 repeat mRNA with 2 open reading frames//1.3e-122:737:87//Hs.23094:M19503
 F-PLACE1003625//ESTs//1.6e-16:103:96//Hs.111223:N51105
 F-PLACE1003638//ESTs//0.60:305:57//Hs.19104:W07762
 5 F-PLACE1003669//ESTs, Weakly similar to 3-7 gene product [H.sapiens]//0.021:445:58//Hs.158275:AI365413
 F-PLACE1003704//Human mRNA for KIAA0301 gene, partial cds//0.014:622:56//Hs.76730:AB002299
 F-PLACE1003709//Homo sapiens protein kinase (BUB1) mRNA, complete cds//1.4e-133:669:95//Hs.98658:AF053305
 F-PLACE1003711//ESTs//2.2e-14:178:77//Hs.114831:T57101
 10 F-PLACE1003723//Homo sapiens mRNA for T lymphocyte specific adaptor protein//8.5e-09:393:60//Hs.103527:AJ000553
 F-PLACE1003738//ESTs, Weakly similar to ZINC FINGER PROTEIN 84 [H.sapiens]//1.8e-53:260:99//Hs.102928:AI346344
 F-PLACE1003760//ESTs//5.1e-08:334:63//Hs.43675:AA805648
 15 F-PLACE1003762//ESTs//1.0:59:83//Hs.29863:W28983
 F-PLACE1003768//Human kpni repeat mna (cdna clone pcd-kpni-4), 3' end//2.7e-40:608:68//Hs.139107:K00629
 F-PLACE1003771//ESTs//6.6e-10:226:65//Hs.15776:T91944
 F-PLACE1003783
 F-PLACE1003784//Homo sapiens mRNA for KIAA0765 protein, partial cds//1.0:457:57//Hs.62318:AB018308
 20 F-PLACE1003795//Human homologue of yeast sec7 mRNA, complete cds//0.85:314:60//Hs.1050:M85169
 F-PLACE1003833//ESTs, Weakly similar to C27H6.5 [C.elegans]//0.00059:201:68//Hs.40806:AA018786
 F-PLACE1003850//ESTs//0.0088:220:61//Hs.145504:AI254165
 F-PLACE1003858//EST//0.77:137:61//Hs.146935:AI168124
 F-PLACE1003864//ESTs//0.11:225:59//Hs.160910:AI370359
 25 F-PLACE1003870//EST//7.2e-18:283:69//Hs.135497:AI091257
 F-PLACE1003885//H.sapiens PAP mRNA//2.4e-75:759:72//Hs.49007:X76770
 F-PLACE1003886
 F-PLACE1003888//Human mRNA for phospholipase C, complete cds//8.4e-55:702:67//Hs.153322:D42108
 F-PLACE1003892//ESTs//2.4e-13:258:67//Hs.28039:H24050
 30 F-PLACE1003900//ESTs//3.5e-14:271:66//Hs.28589:AI004944
 F-PLACE1003903//CTP synthetase//1.6e-49:528:71//Hs.84112:X52142
 F-PLACE1003915//ESTs, Highly similar to ARGINYL-TRNA SYNTHETASE, MITOCHONDRIAL PRECURSOR [Saccharomyces cerevisiae]//1.2e-49:251:98//Hs.65831:F03069
 F-PLACE1003923//Interferon, alpha 16//0.48:278:60//Hs.56303:M28585
 35 F-PLACE1003932//EST//0.00060:221:63//Hs.163044:AA707537
 F-PLACE1003936//ESTs//0.86:211:62//Hs.150751:AI123536
 F-PLACE1003968//Human 5'-AMP-activated protein kinase, gamma-1 subunit mRNA, complete cds//2.0e-47:522:71//Hs.3136:U42412
 F-PLACE1004103//ESTs//8.6e-35:226:89//Hs.78973:AI026812
 40 F-PLACE1004104//ESTs//1.0:179:61//Hs.163935:AA506940
 F-PLACE1004114//ESTs//1.3e-52:323:89//Hs.35156:AA148516
 F-PLACE1004118//Spleen focus forming virus (SFFV) proviral integration oncogene spi1//0.85:164:64//Hs.153045:X52056
 F-PLACE1004128//Guanine nucleotide binding protein (G protein), beta polypeptide 1//3.1e-41:422:74//Hs.3620:X04526
 45 F-PLACE1004149//ESTs, Weakly similar to F48F7.1 [C.elegans]//8.2e-82:418:96//Hs.156161:AI333779
 F-PLACE1004156//ESTs//0.10:166:63//Hs.133279:AI053552
 F-PLACE1004161//Human mRNA for KIAA0200 gene, complete cds//0.85:269:64//Hs.76986:D83785
 F-PLACE1004183//EST//1.3e-40:224:94//Hs.156603:AI343666
 50 F-PLACE1004197//ESTs//2.8e-91:441:98//Hs.97269:AA292201
 F-PLACE1004203//Homo sapiens GPI-anchored membrane protein CDw108 precursor, mRNA, complete cds//1.3e-145:695:98//Hs.24640:AF069493
 F-PLACE1004242//ESTs//0.99:213:60//Hs.117311:AA699722
 F-PLACE1004256//EST//0.019:364:58//Hs.122395:AA789273
 55 F-PLACE1004257//ESTs//0.77:154:64//Hs.112582:AA608689
 F-PLACE1004258//ESTs, Weakly similar to vanilloid receptor subtype 1 [R.norvegicus]//1.1e-98:479:97//Hs.31718:N29128
 F-PLACE1004270//Homo sapiens CAGF9 mRNA, partial cds//0.00010:369:63//Hs.110826:U80736

EP 1 074 617 A2

F-PLACE1004274//Homo sapiens mRNA for KIAA0445 protein, complete cds//0.085:573:56//Hs.154139:AB007914

F-PLACE1004277//Homo sapiens two pore domain K⁺ channel (TASK-2) mRNA, complete cds//2.0e-157:756:97//Hs.127007:AF084830

5 F-PLACE1004284//ESTs//3.6e-71:344:99//Hs.145870:AI271884

F-PLACE1004289//ESTs//2.6e-57:370:85//Hs.16740:AA586576

F-PLACE1004302//FACTOR VIII INTRON 22 PROTEIN//0.032:513:59//Hs.83363:M34677

F-PLACE1004316//H.sapiens mRNA for apoptosis specific protein//9.3e-152:797:94//Hs.11171:Y11588

F-PLACE1004336

10 F-PLACE1004358//Homo sapiens connector enhancer of KSR-like protein CNK1 mRNA, complete cds//1.9e-140:688:97//Hs.16232:AF100153

F-PLACE1004376//ESTs, Weakly similar to F27D4.4 [C.elegans]//3.9e-109:521:98//Hs.14079:AA306552

F-PLACE1004384//Human HsLIM15 mRNA for HsLim15, complete cds//2.0e-49:466:76//Hs.37181:D64108

F-PLACE1004388

15 F-PLACE1004405//EST//0.010:191:64//Hs.147600:AI217871

F-PLACE1004425//ESTs//2.1e-20:124:80//Hs.94195:W03579

F-PLACE1004428//H.sapiens mRNA for Branched chain Acyl-CoA Oxidase//1.0:552:58//Hs.9795:X95190

F-PLACE1004437//Human NAD⁺-specific isocitrate dehydrogenase beta subunit precursor, mRNA, nuclear gene encoding mitochondrial protein, complete cds//9.9e-131:536:99//Hs.155410:U49283

20 F-PLACE1004451//ESTs//5.9e-18:203:73//Hs.156097:AI348867

F-PLACE1004460

F-PLACE1004467//ESTs//8.0e-17:345:66//Hs.112993:AA824363

F-PLACE1004471//EST//9.3e-69:463:84//Hs.116391:AA644085

F-PLACE1004473//ESTs//0.93:358:58//Hs.33263:AA724416

25 F-PLACE1004491//EST//2.5e-58:285:99//Hs.97603:AA398163

F-PLACE1004506//CD81 ANTIGEN//7.2e-06:228:63//Hs.54457:M33680

F-PLACE1004510//Homo sapiens cofactor of initiator function (CIF150) mRNA, complete cds//2.5e-147:699:97//Hs.122752:AF026445

F-PLACE1004516//EST//1.0e-26:343:71//Hs.142595:N24150

30 F-PLACE1004518

F-PLACE1004548//EST//0.84:193:62//Hs.99583:AA461314

F-PLACE1004550//ESTs, Weakly similar to No definition line found [C.elegans]//4.0e-120:627:94//Hs.107387:AA058854

F-PLACE1004564//EST//1.0:240:62//Hs.16824:T91371

35 F-PLACE1004629//Centromere protein B (80kD)//0.0015:242:64//Hs.85004:X05299

F-PLACE1004645

F-PLACE1004646//Retinal pigment epithelium-specific protein (65kD)//1.4e-12:386:63//Hs.2133:U18991

F-PLACE1004658//ESTs//0.52:273:61//Hs.97252:AA291590

F-PLACE1004664

40 F-PLACE1004672//Human ABL gene, exon 1b and intron 1b, and putative M8604 Met protein (M8604 Met) gene//1.5e-66:357:95//Hs.77705:U07563

F-PLACE1004674//Homo sapiens calcium binding protein (ALG-2) mRNA, complete cds//1.4e-110:625:91//Hs.80019:AF035606

F-PLACE1004681//EST//0.00092:303:61//Hs.149560:AI281589

45 F-PLACE1004686//ESTs//3.0e-31:186:76//Hs.139130:AA704561

F-PLACE1004691//Homo sapiens clone 23963 mRNA sequence//0.54:242:61//Hs.48483:AF007131

F-PLACE1004693//ESTs, Weakly similar to pot. ORF III [H.sapiens]//0.56:96:71//Hs.125740:AA884845

F-PLACE1004716//ESTs//2.0e-79:388:98//Hs.150999:AI306542

F-PLACE1004722//ESTs//7.5e-06:105:72//Hs.128796:AA485891

50 F-PLACE1004736//ESTs//1.7e-27:203:86//Hs.119593:AA700148

F-PLACE1004740//ESTs//1.0e-25:174:89//Hs.29696:AA910680

F-PLACE1004743

F-PLACE1004751//ESTs, Highly similar to CMP-N-ACETYLNEURAMINATE-BETA-1,4-GALACTOSIDE ALPHA-2,3-SIALYLTRANSFERASE [Rattus norvegicus]//2.0e-41:260:90//Hs.6863:W52470

55 F-PLACE1004773//Homo sapiens inversin protein mRNA, complete cds//1.7e-172:828:97//Hs.104715:AF084367

F-PLACE1004777//Human myosin IXb mRNA, complete cds//1.0e-29:556:63//Hs.159629:U42391

F-PLACE1004793

F-PLACE1004804

F-PLACE1004813//EST//2.8e-42:296:83//Hs.155725:AI310340
 F-PLACE1004814//ESTs, Weakly similar to U1 SMALL NUCLEAR RIBONUCLEOPROTEIN 70 KD [Xenopus lae-
 vis]//2.4e-78:415:95//Hs.80965:AA493284
 F-PLACE1004815//Human mRNA for KIAA0364 gene, complete cds//4.3e-14:294:69//Hs.22111:AB002362
 5 F-PLACE1004824//ESTs//0.0072:128:69//Hs.164062:AA934047
 F-PLACE1004827//ESTs//0.78:38:100//Hs.18925:W30943
 F-PLACE1004836//Homo sapiens Notch3 (NOTCH3) mRNA, complete cds//0.78:338:57//Hs.8546:U97669
 F-PLACE1004838
 F-PLACE1004840//Protein phosphatase 1, catalytic subunit, beta isoform//0.89:200:66//Hs.21537:X80910
 10 F-PLACE1004868
 F-PLACE1004885//ESTs//0.41:181:61//Hs.116796:AA633772
 F-PLACE1004900
 F-PLACE1004902//ESTs//4.7e-72:367:96//Hs.54971:AI424382
 F-PLACE1004913//ESTs//0.031:166:63//Hs.130110:AA904929
 15 F-PLACE1004918//Human tumor susceptibility protein (TSG101) mRNA, complete cds//4.1e-24:402:64//Hs.
 118910:U82130
 F-PLACE1004930//Homo sapiens TNF-induced protein GG2-1 mRNA, complete cds//9.7e-86:519:88//Hs.17839:
 AF099936
 F-PLACE1004934//ESTs//7.2e-43:231:78//Hs.133503:AA628592
 20 F-PLACE1004937//ESTs//0.97:80:68//Hs.144264:C00851
 F-PLACE1004969
 F-PLACE1004972//Human retinoic acid- and interferon-inducible 58K protein RI58 mRNA, complete cds//0.031:
 235:60//Hs.27610:U34605
 F-PLACE1004979//Homo sapiens mRNA for KIAA0575 protein, complete cds//4.9e-43:331:83//Hs.153468:
 25 AB011147
 F-PLACE1004982//ESTs//0.020:148:63//Hs.129377:AI218520
 F-PLACE1004985//ESTs//7.9e-05:372:61//Hs.87606:AA242831
 F-PLACE1005026//ESTs//4.6e-29:212:89//Hs.137451:AA351459
 F-PLACE1005027//ESTs//6.5e-91:455:97//Hs.30890:H15159
 30 F-PLACE1005046//ESTs//3.7e-56:250:96//Hs.152730:AI308943
 F-PLACE1005052//EST//1.8e-36:370:73//Hs.123424:AA813594
 F-PLACE1005055//Homo sapiens mRNA for KIAA0576 protein, partial cds//6.2e-161:761:98//Hs.14687:
 AB011148
 F-PLACE1005066//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//3.0e-11:757:56//Hs.
 35 122967:AF059569
 F-PLACE1005077//EST//0.79:283:591//Hs.89276:AA283899
 F-PLACE1005085//ESTs//3.5e-18:231:72//Hs.142654:AA324740
 F-PLACE1005086//Homo sapiens mRNA for KIAA0575 protein, complete cds//1.9e-49:401:80//Hs.153468:
 AB011147
 40 F-PLACE1005101//Homo sapiens (clone zap128) mRNA, 3' end of cds//8.2e-20:194:80//Hs.75437:L40401
 F-PLACE1005102//Homo sapiens HIV-1 inducer of short transcripts binding protein (FBI1) mRNA, complete cds//
 8.9e-18:538:62//Hs.104640:AF000561
 F-PLACE1005108//Treacher Collins syndrome susceptibility protein//0.73:405:57//Hs.73166:U76366
 F-PLACE1005111//ESTs//0.66:191:63//Hs.106446:N93227
 45 F-PLACE1005128//Breakpoint cluster region protein BCR//5.6e-08:291:63//Hs.2557:Y00661
 F-PLACE1005146//ESTs, Weakly similar to hypothetical protein II [H.sapiens]//4.8e-12:360:63//Hs.142177:
 H11741
 F-PLACE1005162//Human mRNA for KIAA0118 gene, partial cds//3.9e-49:563:72//Hs.154326:D42087
 F-PLACE1005176//Homo sapiens mRNA for KIAA0641 protein, complete cds//0.82:259:60//Hs.128316:
 50 AB014541
 F-PLACE1005181//ESTs, Weakly similar to No definition line found [C.elegans]//4.4e-126:583:99//Hs.25347:
 AI138605
 F-PLACE1005187//ESTs//6.2e-34:222:90//Hs.124265:N70417
 F-PLACE1005206//EST//0.089:167:62//Hs.140487:AA767009
 55 F-PLACE1005232//ESTs, Weakly similar to synapse-associated protein sap47-1 [D.melanogaster]//0.56:192:60//
 Hs.47334:W72370
 F-PLACE1005243
 F-PLACE1005261//ESTs//0.52:245:58//Hs.6682:T76941

EP 1 074 617 A2

F-PLACE1005266//Kallmann syndrome 1 sequence//7.8e-06:484:60//Hs.89591:M97252
 F-PLACE1005277//Homo sapiens mRNA for KIAA0610 protein, partial cds//5.1e-150:706:98//Hs.118087:AB011182
 F-PLACE1005287//ESTs//8.1e-107:501:99//Hs.145703:AA447947
 5 F-PLACE1005305//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL//4.4e-37:597:66//Hs.101642:X60673
 F-PLACE1005308//High-mobility group (nonhistone chromosomal) protein 2//0.83:239:62//Hs.80684:X62534
 F-PLACE1005313
 10 F-PLACE1005327//ESTs, Weakly similar to No definition line found [C.elegans]//6.0e-81:459:91//Hs.146177:R51650
 F-PLACE1005331//Homo sapiens chromosome 19, cosmid F20569//3.7e-66:412:88//Hs.134031:AC004794
 F-PLACE1005335//Homo sapiens mRNA for KIAA0754 protein, partial cds//0.96:510:56//Hs.159183:AB018297
 F-PLACE1005373
 F-PLACE1005374//ESTs//7.5e-77:437:91//Hs.143266:AI141348
 15 F-PLACE1005409//ESTs//2.4e-05:267:63//Hs.163307:AA856751
 F-PLACE1005453//ESTs//0.12:333:58//Hs.134672:AI087951
 F-PLACE1005467//HOMEBOX/POU DOMAIN PROTEIN RDC-1//0.0043:148:67//Hs.74095:L20433
 F-PLACE1005471//ESTs//3.4e-24:135:97//Hs.49275:N66925
 F-PLACE1005477//Human Line-1 repeat mRNA with 2 open reading frames//3.5e-126:744:87//Hs.23094:M19503
 20 F-PLACE1005480//ESTs//3.7e-26:184:70//Hs.113198:N39323
 F-PLACE1005481//EST//0.27:153:64//Hs.120066:AA707973
 F-PLACE1005494//ESTs//2.4e-50:257:98//Hs.159003:AA633029
 F-PLACE1005502//ESTs//0.15:408:57//Hs.45106:AA504105
 F-PLACE1005526//ESTs//3.2e-61:305:98//Hs.122574:AA776747
 25 F-PLACE1005528//ESTs//9.9e-32:249:78//Hs.142531:N91572
 F-PLACE1005530//ESTs//1.0e-94:491:95//Hs.131731:AI339335
 F-PLACE1005550//ESTs//0.084:290:58//Hs.157775:AI359385
 F-PLACE1005554//EST//0.38:213:58//Hs.102749:N64144
 F-PLACE1005557//ESTs, Highly similar to MITOCHONDRIAL 60S RIBOSOMAL PROTEIN L2 PRECURSOR
 30 [Saccharomyces cerevisiae]//4.5e-51:258:97//Hs.7736:W81261
 F-PLACE1005574//ESTs//3.2e-09:236:66//Hs.146884:AI160278
 F-PLACE1005584//Fragile X mental retardation 2//1.2e-05:151:69//Hs.54472:U48436
 F-PLACE1005595//ESTs//2.1e-98:512:95//Hs.118552:W74594
 F-PLACE1005603//EST//1.0:90:66//Hs.111204:AA211851
 35 F-PLACE1005611//ESTs, Weakly similar to B0035.14 [C.elegans]//3.5e-32:197:92//Hs.8241:AA283057
 F-PLACE1005623//ESTs//3.0e-30:191:92//Hs.77570:N48234
 F-PLACE1005630//ESTs//2.3e-32:175:97//Hs.122278:AA781867
 F-PLACE1005639//ESTs//0.88:218:58//Hs.117389:AA701991
 F-PLACE1005646//Homo sapiens RNA helicase-related protein mRNA, complete cds//2.1e-151:721:98//Hs.8765:AF083255
 40 F-PLACE1005656//Ribonucleotide reductase M2 polypeptide//3.9e-53:480:74//Hs.75319:X59618
 F-PLACE1005666//Homo sapiens mRNA for KIAA0448 protein, complete cds//0.086:223:59//Hs.27349:AB007917
 F-PLACE1005698//Human membrane-associated lectin type-C mRNA//6.1e-65:374:85//Hs.23759:M98457
 45 F-PLACE1005727//ESTs//8.7e-65:330:96//Hs.127027:AA935437
 F-PLACE1005730//ESTs//2.9e-14:270:67//Hs.28589:AI004944
 F-PLACE1005739//Homo sapiens mRNA for serin protease with IGF-binding motif, complete cds//0.75:289:59//Hs.75111:D87258
 F-PLACE1005755//Insulin-like growth factor binding protein 2//3.6e-05:377:62//Hs.162:X16302
 50 F-PLACE1005763//ESTs, Highly similar to S-ACYL FATTY ACID SYNTHASE THIOESTERASE, MEDIUM CHAIN [Rattus norvegicus]//5.7e-49:252:88//Hs.24309:AI125696
 F-PLACE1005799//ESTs//5.2e-13:392:58//Hs.110530:AA191493
 F-PLACE1005802
 F-PLACE1005803
 55 F-PLACE1005804//Homo sapiens alpha 1,2-mannosidase IB mRNA, complete cds//4.5e-128:636:96//Hs.125315:AF027156
 F-PLACE1005813//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds//8.4e-156:739:98//Hs.11183:AF065482

EP 1 074 617 A2

F-PLACE1005828//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//4.1e-42:327:81//Hs.138404:R70986
F-PLACE1005834//Retinoblastoma 1 (including osteosarcoma)//0.038:436:58//Hs.75770:L41870
F-PLACE1005845//ESTs//4.8e-50:309:89//Hs.107149:AI379497
5 F-PLACE1005850//ESTs//7.1e-40:253:79//Hs.158096:AA186905
F-PLACE1005851//ESTs//7.6e-93:483:95//Hs.135608:AA732242
F-PLACE1005876//ESTs//0.97:282:60//Hs.98664:AI381487
F-PLACE1005884//ESTs//0.070:276:60//Hs.106057:AI031552
F-PLACE1005890//ESTs//1.5e-91:500:93//Hs.136993:AA843300
10 F-PLACE1005898
F-PLACE1005921
F-PLACE1005923//ESTs//0.50:308:58//Hs.52489:R61504
F-PLACE1005925//ESTs//0.024:93:68//Hs.149868:AI288274
F-PLACE1005932//TYROSINE-PROTEIN KINASE RECEPTOR EPH PRECURSOR//0.97:342:57//Hs.89839:
15 M18391
F-PLACE1005934//ESTs//8.6e-10:74:93//Hs.25092:AA922142
F-PLACE1005936//DNA excision repair protein ERCC5//1.0:144:63//Hs.48576:X69978
F-PLACE1005951//B94 PROTEIN//0.00025:371:61//Hs.75522:M92357
F-PLACE1005953//ESTs//2.8e-06:290:61//Hs.140996:R73468
20 F-PLACE1005955//ESTs, Weakly similar to Y53C12A.3 [C.elegans]//0.15:136:66//Hs.107747:AI357868
F-PLACE1005966//Human zinc finger/leucine zipper protein (AF10) mRNA, complete cds//1.0:215:63//Hs.7885:U13948
F-PLACE1005968
F-PLACE1005990
25 F-PLACE1006002//Putative mismatch repair/binding protein hMSH3//1.9e-48:312:77//Hs.42674:U61981
F-PLACE1006003//EST//0.00018:171:67//Hs.138882:W73256
F-PLACE1006011
F-PLACE1006017//ESTs//3.1e-21:159:88//Hs.142173:AA757743
F-PLACE1006037//Homo sapiens mRNA for KIAA0789 protein, complete cds//0.021:202:64//Hs.158319:
30 AB018332
F-PLACE1006040//Homo sapiens mRNA for alpha endosulfine//1.1e-148:719:97//Hs.98782:X99906
F-PLACE1006076//EST//0.29:92:64//Hs.161536:N80395
F-PLACE1006119//Homo sapiens Ran-GTP binding protein mRNA, partial cds//4.1e-147:679:99//Hs.4976:AF039023
35 F-PLACE1006129
F-PLACE1006139
F-PLACE1006143//Human mRNA for KIAA0355 gene, complete cds//9.3e-43:357:79//Hs.153014:AB002353
F-PLACE1006157//ESTs, Weakly similar to ETX1 {alternatively spliced} [H.sapiens]//2.9e-12:119:84//Hs.23153:R92857
40 F-PLACE1006159//ESTs//2.3e-87:443:96//Hs.23740:H17868
F-PLACE1006164//ESTs//0.099:223:60//Hs.8108:AA902721
F-PLACE1006167//Homo sapiens chromosome 19, cosmid F23149//1.1e-68:333:92//Hs.152894:AC005239
F-PLACE1006170//ESTs//0.081:171:67//Hs.135187:AI074005
F-PLACE1006187//Homo sapiens cyclin E2 mRNA, complete cds//1.2e-150:694:99//Hs.30464:AF091433
45 F-PLACE1006195//ESTs//8.9e-14:229:70//Hs.141470:N49608
F-PLACE1006196//ESTs, Weakly similar to protein synthesis initiation factor 4A-II homolog//3.5e-59:369:88//Hs.135623:AA134719
F-PLACE1006205
F-PLACE1006223//ESTs, Weakly similar to TERATOCARCINOMA-DERIVED GROWTH FACTOR 1 [H.sapiens]
50 //0.0089:166:63//Hs.127179:AI279486
F-PLACE1006225
F-PLACE1006236//EST//0.060:89:69//Hs.136977:AA830668
F-PLACE1006239//ESTs//0.028:105:66//Hs.142336:AA358185
F-PLACE1006246//ESTs//0.060:330:60//Hs.105695:AI085802
55 F-PLACE1006248//Homo sapiens mRNA for KIAA0648 protein, partial cds//7.3e-168:791:98//Hs.31921:AB014548
F-PLACE1006262
F-PLACE1006288//Homo sapiens mRNA for Pex3 protein//4.8e-37:186:100//Hs.7277:AJ001625

F-PLACE1006318
 F-PLACE1006325//ESTs//3.7e-25:206:83//Hs.102319:AI246503
 F-PLACE1006335//ESTs//2.0e-27:161:95//Hs.163529:AI361492
 F-PLACE1006357//ESTs//0.013:268:61//Hs.105775:AA526249
 5 F-PLACE1006360//ESTs//4.8e-27:146:98//Hs.100739:Z98481
 F-PLACE1006368//Homo sapiens clone 24540 mRNA sequence//0.65:272:59//Hs.153529:AF070581
 F-PLACE1006371//Homo sapiens jerky gene product homolog mRNA, complete cds//2.6e-07:403:61//Hs.105940:AF004715
 F-PLACE1006382//EST//0.98:77:68//Hs.136933:AA814693
 10 F-PLACE1006385//Homo sapiens epsin 2b mRNA, complete cds//1.6e-111:539:97//Hs.22396:AF062085
 F-PLACE1006412//Human mRNA for KIAA0298 gene, complete cds//1.0e-36:424:74//Hs.21560:AB002296
 F-PLACE1006414//Homo sapiens PCAF associated factor 65 alpha mRNA, complete cds//4.3e-111:525:98//Hs.131846:AF069735
 F-PLACE1006438//Homo sapiens mRNA for KIAA0557 protein, partial cds//2.2e-24:531:65//Hs.101414:AB011129
 15 F-PLACE1006445//Homo sapiens chromosome 16 zinc finger protein ZNF200 (ZNF200) mRNA, complete cds//1.0:248:60//Hs.88219:AF060866
 F-PLACE1006469//Human SA mRNA for SA gene product, complete cds//0.24:210:62//Hs.89659:AC004381
 F-PLACE1006470
 20 F-PLACE1006482//Homo sapiens basic-leucine zipper transcription factor MafK (MAFK) mRNA, complete cds//5.0e-46:520:71//Hs.131953:AF059194
 F-PLACE1006488//ESTs//6.2e-47:239:97//Hs.158161:AA312511
 F-PLACE1006492//ESTs//0.82:37:100//Hs.160417:AA488493
 F-PLACE1006506//HUMAN IMMUNODEFICIENCY VIRUS TYPE I ENHANCER-BINDING PROTEIN 2//0.98:505:56//Hs.75063:AL023584
 25 F-PLACE1006521//ESTs//0.032:222:63//Hs.23171:AA706542
 F-PLACE1006531//EST//2.1e-53:258:100//Hs.117316:AA699358
 F-PLACE1006534//EST//1.8e-07:78:89//Hs.157551:AI356219
 F-PLACE1006540//Homo sapiens mRNA for cadherin-6, complete cds//0.96:383:58//Hs.32963:D31784
 30 F-PLACE1006552//Human (clone N5-4) protein p84 mRNA, complete cds//0.058:464:57//Hs.1540:L36529
 F-PLACE1006598//Homo sapiens mRNA for KIAA0737 protein, complete cds//4.1e-17:372:65//Hs.17630:AB018280
 F-PLACE1006615//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds//2.2e-168:781:99//Hs.155377:U97670
 35 F-PLACE1006617//ESTs//6.0e-08:354:60//Hs.42624:H99088
 F-PLACE1006626//NUCLEOLIN//0.0044:186:66//Hs.79110:M60858
 F-PLACE1006629//Homo sapiens (clone s22i71) mRNA fragment//0.097:229:63//Hs.26956:L40396
 F-PLACE1006640//ESTs//0.00019:380:59//Hs.13672:AI131473
 F-PLACE1006673//ESTs, Weakly similar to T14B4.2 gene product [C.elegans]//1.6e-12:113:83//Hs.3385:N25917
 40 F-PLACE1006678
 F-PLACE1006704//Homo sapiens ALR mRNA, complete cds//0.16:284:60//Hs.153638:AF010403
 F-PLACE1006731//Homo sapiens SOX22 protein (SOX22) mRNA, complete cds//1.6e-05:382:63//Hs.43627:U35612
 F-PLACE1006754//Biliary glycoprotein//8.9e-27:305:72//Hs.50964:X16354
 45 F-PLACE1006760//ESTs//0.10:207:62//Hs.152589:AA954152
 F-PLACE1006779//Kallmann syndrome 1 sequence//0.00025:251:64//Hs.89591:M97252
 F-PLACE1006782//ESTs//1.2e-90:423:100//Hs.132826:AI075783
 F-PLACE1006792//ESTs//1.5e-10:439:58//Hs.138501:AI051228
 F-PLACE1006795//TYROSINE-PROTEIN KINASE RECEPTOR ETK1 PRECURSOR//4.5e-10:84:95//Hs.123642:M83941
 50 F-PLACE1006800//ESTs//0.00068:360:61//Hs.157876:AI422017
 F-PLACE1006805//ESTs//4.6e-103:491:98//Hs.140465:AA769892
 F-PLACE1006815//Homo sapiens mRNA for KIAA0618 protein, complete cds//0.47:403:56//Hs.15832:AB014518
 F-PLACE1006819//Human Line-1 repeat mRNA with 2 open reading frames//3.7e-103:619:87//Hs.23094:M19503
 55 F-PLACE1006829//ESTs//1.5e-22:141:94//Hs.142988:AA142876
 F-PLACE1006860//EST//0.0062:206:65//Hs.158793:AI376773
 F-PLACE1006867//ESTs//0.068:218:62//Hs.91166:AA551273
 F-PLACE1006878//Homo sapiens mRNA for KIAA0711 protein, complete cds//1.0:268:58//Hs.5333:AB018254

F-PLACE1006883//ESTs//1.6e-75:398:94//Hs.119544:T95601
 F-PLACE1006901//ESTs//1.9e-13:87:96//Hs.134737:AI089187
 F-PLACE1006904//EST//1.0:91:70//Hs.148270:AA906443
 F-PLACE1006917
 5 F-PLACE1006932//ESTs//0.98:110:70//Hs.100855:AI423913
 F-PLACE1006935//EST//1.0:92:65//Hs.124554:AA847211
 F-PLACE1006956//PERIPHERIN//0.13:443:57//Hs.37044:L14565
 F-PLACE1006958//Heat shock 70kD protein 4//6.4e-40:456:70//Hs.127:L12723
 10 F-PLACE1006961//ESTs, Highly similar to RSP5 PROTEIN [*Saccharomyces cerevisiae*]//3.2e-07:67:98//Hs.
 21806:AA630312
 F-PLACE1006962//H.sapiens ir1B mRNA//2.3e-16:202:71//Hs.135202:X63417
 F-PLACE1006966//Homo sapiens syntaxin 4 binding protein UNC-18c (UNC-18c) mRNA, complete cds//0.14:
 191:67//Hs.8813:AF032922
 F-PLACE1006989//Cyclin B1//0.99:224:59//Hs.23960:M25753
 15 F-PLACE1007014//Homo sapiens NBMPR-insensitive nucleoside transporter ei (ENT2) mRNA, complete cds//
 3.1e-05:594:58//Hs.32951:AF034102
 F-PLACE1007021//ESTs//7.2e-89:446:96//Hs.7111:U55971
 F-PLACE1007045//Human Line-1 repeat mRNA with 2 open reading frames//1.0e-117:775:84//Hs.23094:M19503
 F-PLACE1007053//Homo sapiens mRNA for ARNO3 protein//0.35:63:82//Hs.129811:AJ223957
 20 F-PLACE1007068//Polycystic kidney disease 1 (autosomal dominant)//0.22:361:60//Hs.75813:L33243
 F-PLACE1007097//ESTs//2.9e-25:197:83//Hs.105665:H78987
 F-PLACE1007105//Amylo-1,6-glucosidase, 4-alpha-glucanotransferase (glycogen debranching enzyme, glyco-
 gen storage disease type III)//0.18:268:63//Hs.904:U84010
 F-PLACE1007111//EST//0.0066:260:60//Hs.147903:AI223385
 25 F-PLACE1007112
 F-PLACE1007132//ESTs//3.1e-30:195:76//Hs.46158:AI160121
 F-PLACE1007140//TRANSCRIPTION ELONGATION FACTOR S-II//0.13:302:60//Hs.78869:M81601
 F-PLACE1007178//ESTs//9.6e-54:289:95//Hs.12251:H12965
 F-PLACE1007226//Homo sapiens Notch3 (NOTCH3) mRNA, complete cds//0.00090:412:59//Hs.8546:U97669
 30 F-PLACE1007238//Human plectin (PLEC1) mRNA, complete cds//1.4e-07:492:64//Hs.79706:U53204
 F-PLACE1007239//Human mRNA for transcription elongation factor S-II, hS-II-T1, complete cds//2.0e-58:405:87//
 Hs.80598:D50495
 F-PLACE1007242//EST//0.014:55:89//Hs.88432:AA262141
 F-PLACE1007243//ESTs//2.0e-43:227:97//Hs.124775:AA648467
 35 F-PLACE1007257//Homo sapiens mRNA for dia-156 protein//3.7e-144:677:98//Hs.121556:Y15909
 F-PLACE1007274
 F-PLACE1007276//ATPase, Cu⁺⁺ transporting, alpha polypeptide (Menkes syndrome)//0.94:167:64//Hs.606:
 L06133
 F-PLACE1007282
 40 F-PLACE1007286//ESTs//1.0e-25:333:71//Hs.134860:AI091436
 F-PLACE1007301//EST//0.78:171:61//Hs.160990:H52412
 F-PLACE1007317//Homo sapiens oxysterol 7alpha-hydroxylase (CYP7b1) mRNA, complete cds//0.88:298:58//
 Hs.144877:AF029403
 F-PLACE1007342
 45 F-PLACE1007346//Homo sapiens estrogen-responsive B box protein (EBBP) mRNA, complete cds//1.7e-121:
 567:98//Hs.76596:AF096870
 F-PLACE1007367//H.sapiens mRNA for MACH-alpha-2 protein//2.2e-55:532:77//Hs.19949:X98173
 F-PLACE1007375
 F-PLACE1007386//ESTs//0.00066:61:91//Hs.149318:AI248642
 50 F-PLACE1007402//EST//1.7e-06:193:65//Hs.132124:AI041287
 F-PLACE1007409//Homo sapiens mitoxantrone resistance protein 1 mRNA, partial sequence//3.8e-18:128:92//
 Hs.14387:AF093771
 F-PLACE1007416
 F-PLACE1007450//ESTs//2.6e-36:194:97//Hs.22359:AI024436
 55 F-PLACE1007452//EST//1.8e-34:197:94//Hs.134795:AI090359
 F-PLACE1007454//Homo sapiens (clone s153) mRNA fragment//2.6e-53:317:93//Hs.6445:L40391
 F-PLACE1007460//ESTs//0.0012:168:64//Hs.151708:AA554714
 F-PLACE1007478//ESTs//1.0e-42:440:74//Hs.141722:AA769103

EP 1 074 617 A2

F-PLACE1007484//ESTs//7.1e-18:127:91//Hs.100251:AA535975
 F-PLACE1007488
 F-PLACE1007507//ESTs//1.2e-99:274:98//Hs.123462:AA903385
 F-PLACE1007511//Keratin 19//4.2e-31:586:64//Hs.23761:Y00503
 5 F-PLACE1007524//ESTs//6.8e-71:356:97//Hs.163067:AA897296
 F-PLACE1007525//ESTs//0.073:242:59//Hs.128711:AA856979
 F-PLACE1007537//Homo sapiens PYRIN (MEFV) mRNA, complete cds//0.93:468:57//Hs.113283:AF018080
 F-PLACE1007544//ESTs//1.7e-74:360:98//Hs.128632:AI076755
 F-PLACE1007547//Homo sapiens mRNA for KIAA0661 protein, complete cds//1.0e-70:733:71//Hs.65238:
 10 AB014561
 F-PLACE1007557//EST//0.58:80:72//Hs.130267:AI001863
 F-PLACE1007583//ESTs//1.8e-46:234:98//Hs.155071:AA584257
 F-PLACE1007598//ESTs//1.7e-83:400:99//Hs.120206:AI089163
 F-PLACE1007618//Homo sapiens mRNA for KIAA0633 protein, partial cds//7.2e-12:778:56//Hs.33010:AB014533
 15 F-PLACE1007621
 F-PLACE1007632//ESTs//1.7e-32:175:97//Hs.122278:AA781867
 F-PLACE1007645
 F-PLACE1007649
 F-PLACE1007677//ESTs//3.0e-13:125:82//Hs.143382:AA476266
 20 F-PLACE1007688//ESTs//6.8e-06:311:61//Hs.132926:AI027055
 F-PLACE1007690//ESTs//1.9e-13:83:98//Hs.150088:AI348503
 F-PLACE1007697//TRANSFORMING GROWTH FACTOR BETA 1 PRECURSOR//0.99:216:63//Hs.1103:X02812
 F-PLACE1007705//Human mRNA for RTP, complete cds//4.8e-58:637:70//Hs.75789:D87953
 F-PLACE1007706//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds//4.1e-149:709:97//Hs.4812:
 25 AF061243
 F-PLACE1007725//ESTs, Weakly similar to No definition line found [C.elegans]//4.5e-36:233:89//Hs.108797:
 AA476815
 F-PLACE1007729//ESTs, Moderately similar to RETRO VIRUS-RELATED PROTEASE [H.sapiens]//0.00033:270:
 64//Hs.104129:AA923278
 30 F-PLACE1007730//Homo sapiens mRNA for KIAA0685 protein, complete cds//2.6e-156:728:98//Hs.153121:
 AB014585
 F-PLACE1007737//Coagulation factor II (thrombin) receptor//1.1e-18:364:68//Hs.159347:M62424
 F-PLACE1007743//ESTs//0.029:421:58//Hs.106090:AA457030
 F-PLACE1007746//ESTs//6.7e-55:330:89//Hs.153392:AI089469
 35 F-PLACE1007791//EST//0.39:261:62//Hs.145991:AI277656
 F-PLACE1007807//ESTs//2.0e-54:385:83//Hs.163930:AA640504
 F-PLACE1007810//ESTs//6.1e-53:416:81//Hs.152395:AA533107
 F-PLACE1007829//EST//0.28:271:61//Hs.125514:AA883841
 F-PLACE1007843//EST//0.020:307:59//Hs.145535:AI261635
 40 F-PLACE1007846//Human Line-1 repeat mRNA with 2 open reading frames//6.3e-38:396:77//Hs.23094:M19503
 F-PLACE1007852
 F-PLACE1007858//Homo sapiens mRNA for KIAA0766 protein, complete cds//1.3e-190:894:98//Hs.28020:
 AB018309
 F-PLACE1007866//ESTs//3.0e-50:333:86//Hs.15792:AI038387
 45 F-PLACE1007877
 F-PLACE1007897//EST//1.0:59:72//Hs.138770:N70943
 F-PLACE1007908//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//7.3e-156:755:97//Hs.
 92381:AB007956
 F-PLACE1007946//ESTs//8.9e-16:250:68//Hs.88527:N24002
 50 F-PLACE1007954//ESTs//1.6e-05:76:90//Hs.63314:AA056538
 F-PLACE1007955//Homo sapiens cyclin-D binding Myb-like protein mRNA, complete cds//8.9e-173:813:98//Hs.
 5671:AF084530
 F-PLACE1007958//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds//8.2e-155:
 730:98//Hs.78106:AF079529
 55 F-PLACE1007969//ESTs, Weakly similar to hnRNA-binding protein M4 [H.sapiens]//5.1e-45:264:92//Hs.42222:
 W28567
 F-PLACE1007990//ESTs//1.2e-104:493:99//Hs.118445:AI097043
 F-PLACE1008000//Homo sapiens veli 1 mRNA, complete cds//5.7e-63:578:74//Hs.150380:AF087693

F-PLACE1008002//ESTs//0.52:236:59//Hs.134292:AA603031
 F-PLACE1008044
 F-PLACE1008045//COL10A1//0.29:221:58//Hs.37075:X60382
 F-PLACE1008080//Human homeodomain protein (Prox 1) mRNA, complete cds//0.00037:151:71//Hs.159437:
 5 U44060
 F-PLACE1008095//Human hybrid receptor gp250 precursor mRNA, complete cds//1.0:461:58//Hs.155494:
 U60975
 F-PLACE1008111//Homo sapiens B lymphocyte chemoattractant BLC mRNA, complete cds//0.034:497:58//Hs.
 10 100431:AF044197
 F-PLACE1008122//ESTs//0.95:198:60//Hs.126776:N28769
 F-PLACE1008129//ESTs//1.1e-99:499:96//Hs.131807:AA778874
 F-PLACE1008132//EST//3.3e-27:218:83//Hs.145258:AI218683
 F-PLACE1008177//ESTs, Moderately similar to meiosis-specific nuclear structural protein 1 [M.musculus]//5.1e-
 20:124:95//Hs.146238:AI263135
 15 F-PLACE1008181//ESTs//0.018:285:61//Hs.88843:AA281427
 F-PLACE1008198//ESTs//5.9e-07:410:60//Hs.63348:AA643524
 F-PLACE1008201
 F-PLACE1008209
 F-PLACE1008231//ESTs//0.40:188:61//Hs.130266:AI001856
 20 F-PLACE1008244//Miller-Dieker syndrome chromosome region//0.22:247:61//Hs.77318:L13385
 F-PLACE1008273
 F-PLACE1008275//EST//0.77:74:71//Hs.145907:AI275113
 F-PLACE1008280//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//2.6e-25:389:70//Hs.
 159897:AB007970
 25 F-PLACE1008309//Homo sapiens serine phosphatase FCP1a (FCP1) mRNA, complete cds//0.16:263:63//Hs.
 4076:AF081287
 F-PLACE1008329//EST//1.3e-09:94:85//Hs.144135:R82071
 F-PLACE1008330//Homo sapiens mRNA for KIAA0557 protein, partial cds//1.5e-45:291:83//Hs.101414:
 AB011129
 30 F-PLACE1008331//ESTs, Weakly similar to ORF2-like protein [H.sapiens]//5.4e-74:356:98//Hs.105382:AA496362
 F-PLACE1008356//Homo sapiens mRNA for KIAA0679 protein, partial cds//3.4e-139:659:98//Hs.5734:AB014579
 F-PLACE1008368//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//0.011:355:60//Hs.122967:
 AF059569
 F-PLACE1008369//ESTs//0.00074:443:61//Hs.102756:AA526911
 35 F-PLACE1008392//EST//7.4e-08:324:60//Hs.149930:AI289171
 F-PLACE1008398
 F-PLACE1008401//Homo sapiens methyl-CpG binding protein MBD2 (MBD2) mRNA, complete cds//2.5e-09:461:
 62//Hs.25674:AF072242
 F-PLACE1008402//Homo sapiens mRNA for p115, complete cds//1.4e-149:711:98//Hs.7763:D86326
 40 F-PLACE1008405//ESTs//2.8e-102:529:95//Hs.116278:AA628943
 F-PLACE1008424//Human DNA sequence from clone 753P9 on chromosome Xq25-26.1. Contains the gene cod-
 ing for Aminopeptidase P (EC 3.4.11.9, XAA-Pro/X-Pro/Proline/Aminoacylproline Aminopeptidase) and a novel
 gene. Contains ESTs, STSs, GSSs and a gaaa repeat polymorphism//0.98:113:67//Hs.57922:AL023653
 F-PLACE1008426//ESTs//3.2e-77:393:95//Hs.37585:W28499
 45 F-PLACE1008429//Orf1 5' to PD-ECGF/TP...orf2 5' to PD-ECGF/TP [human, epidermoid carcinoma cell line A431,
 mRNA, 3 genes, 1718 nt]//0.019:530:58//Hs.72248:S72487
 F-PLACE1008437
 F-PLACE1008455//ESTs//0.51:279:61//Hs.122319:AA782335
 F-PLACE1008457//ESTs//3.0e-30:229:75//Hs.60740:AA053901
 50 F-PLACE1008465//Human mRNA for KIAA0383 gene, partial cds//0.0084:210:63//Hs.27590:AB002381
 F-PLACE1008488//Human density enhanced phosphatase-1 mRNA, complete cds//6.8e-07:469:60//Hs.1177:
 U10886
 F-PLACE1008524//Homo sapiens TWIK-related acid-sensitive K⁺ channel (TASK) mRNA, complete cds//1.0:304:
 60//Hs.24040:AF006823
 55 F-PLACE1008531//ESTs//1.1e-17:190:76//Hs.156041:AI274697
 F-PLACE1008532//Thromboxane A2 receptor//5.6e-17:231:71//Hs.89887:D38081
 F-PLACE1008533//Homo sapiens PAC clone DJ130H16 from 22q12.1-qter//1.1e-45:507:71//Hs.8003:AC004997
 F-PLACE1008568//Homo sapiens mRNA for neuronatin alpha, complete cds//1.0:95:71//Hs.117546:U31767

EP 1 074 617 A2

F-PLACE1008584//ESTs//1.4e-13:252:68//Hs.153429:AI283069
 F-PLACE1008603//Homo sapiens mRNA for KIAA0791 protein, complete cds//3.9e-175:812:98//Hs.23255:AB018334
 F-PLACE1008621//ESTs, Weakly similar to reverse transcriptase [H.sapiens]//1.2e-15:350:66//Hs.151087:AA649326
 5 F-PLACE1008625//ESTs//0.86:269:57//Hs.94998:N26794
 F-PLACE1008626//ESTs//0.55:69:71//Hs.92096:F10560
 F-PLACE1008627//ESTs//3.0e-62:302:99//Hs.120766:H82458
 F-PLACE1008629//EST//0.0012:174:67//Hs.121195:AA757211
 10 F-PLACE1008630//ESTs//4.5e-77:371:99//Hs.132960:AA252394
 F-PLACE1008643//Human mRNA for PK-120//4.7e-25:299:64//Hs.76415:D38535
 F-PLACE1008650//Homo sapiens pleiotropic regulator 1 (PLRG1) mRNA, complete cds//3.5e-135:622:99//Hs.147967:AF044333
 F-PLACE1008693//EST//0.19:36:94//Hs.138817:N93728
 15 F-PLACE1008696//Human mitochondrial NADH dehydrogenase-ubiquinone Fe-S protein 8, 23 kDa subunit precursor (NDUFS8) nuclear mRNA encoding mitochondrial protein, complete cds//8.3e-25:137:97//Hs.90443:AF038406
 F-PLACE1008715//Homo sapiens mRNA for matrilin-3//0.99:183:63//Hs.119534:AJ224741
 F-PLACE1008748//ESTs//0.88:204:63//Hs.15139:AA527080
 20 F-PLACE1008757//ESTs, Weakly similar to unknown protein [R.norvegicus]//4.3e-17:285:69//Hs.35460:H65503
 F-PLACE1008790//Homo sapiens importin alpha 7 subunit mRNA, complete cds//1.4e-121:503:97//Hs.6458:AF060543
 F-PLACE1008798//ESTs, Weakly similar to putative p150 [H.sapiens]//0.30:127:68//Hs.111380:AA258772
 F-PLACE1008807//ESTs//0.81:346:58//Hs.116901:AA663542
 25 F-PLACE1008808//Homo sapiens putative checkpoint control protein HRAD1 mRNA, complete cds//6.7e-104:376:98//Hs.7179:AF011905
 F-PLACE1008813//Glutamate decarboxylase 1 (brain, 67kD)//0.17:318:61//Hs.75668:M81883
 F-PLACE1008851//ESTs, Highly similar to CELL DIVISION CONTROL PROTEIN 2 HOMOLOG [Plasmodium falciparum (isolate k1 / thailand)]//0.73:354:59//Hs.26322:AA156858
 30 F-PLACE1008854//ESTs//3.0e-26:391:66//Hs.133260:AI052728
 F-PLACE1008867//ESTs//5.9e-08:64:93//Hs.91115:AI221563
 F-PLACE1008887//Human Line-1 repeat mRNA with 2 open reading frames//5.5e-51:701:68//Hs.23094:M19503
 F-PLACE1008902//EST//0.85:425:60//Hs.140573:AA826323
 F-PLACE1008920//Homo sapiens mRNA for KIAA0765 protein, partial cds//2.1e-159:753:98//Hs.62318:AB018308
 35 F-PLACE1008925//ESTs//0.025:133:67//Hs.103218:W84771
 F-PLACE1008934//ESTs//0.27:307:59//Hs.135168:AI394026
 F-PLACE1008941//ESTs//3.3e-53:266:98//Hs.108677:AA488937
 F-PLACE1008947//Human TBP-associated factor (hTAFII130) mRNA, partial cds//2.4e-13:625:58//Hs.24644:U75308
 40 F-PLACE1009020//ESTs//3.3e-11:122:81//Hs.131777:AI024950
 F-PLACE1009027//Homo sapiens mRNA for doublecortin//1.2e-151:763:96//Hs.34780:AJ003112
 F-PLACE1009039//EST//0.76:111:63//Hs.160997:H55762
 F-PLACE1009045//ESTs//2.2e-76:399:95//Hs.114919:AA457689
 45 F-PLACE1009048//GLYCOPROTEIN HORMONES ALPHA CHAIN PRECURSOR//2.6e-16:93:100//Hs.119689:S70585
 F-PLACE1009050//ESTs//1.4e-92:451:98//Hs.66373:AI239698
 F-PLACE1009060//ESTs//1.4e-14:86:100//Hs.131725:AI090525
 F-PLACE1009090//ESTs//2.7e-20:198:78//Hs.110044:AA181800
 50 F-PLACE1009091//ESTs//0.99:342:57//Hs.46903:AI093091
 F-PLACE1009094//ESTs//1.0:225:63//Hs.120374:AI337031
 F-PLACE1009099//H.sapiens ZNF81 gene//2.2e-79:733:74//Hs.104020:X68011
 F-PLACE1009110//ESTs//2.6e-91:453:96//Hs.143756:AI040890
 F-PLACE1009111//ESTs//2.7e-15:159:77//Hs.146811:AA410788
 55 F-PLACE1009113//Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3) mRNA, complete cds//1.1e-139:671:97//Hs.99742:AF035586
 F-PLACE1009130//Human mRNA for KIAA0032 gene, complete cds//1.1e-24:718:59//Hs.35804:D25215
 F-PLACE1009150//Human HsLIM15 mRNA for HsLim15, complete cds//1.7e-50:440:78//Hs.37181:D64108

EP 1 074 617 A2

F-PLACE1009155//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//4.0e-46:440:69//Hs.158095:AB007953
F-PLACE1009158//Human growth/differentiation factor 1 (GDF-1) mRNA, complete cds//0.28:245:61//Hs.92614:M62302
5 F-PLACE1009166//EST//0.98:114:67//Hs.137706:AA977250
F-PLACE1009172//EST//6.2e-34:257:84//Hs.161081:N22770
F-PLACE1009174//ESTs//6.0e-24:234:77//Hs.155196:AI282821
F-PLACE1009183//EST//0.021:261:62//Hs.144222:N90100
10 F-PLACE1009186//ESTs, Weakly similar to No definition line found [C.elegans]//3.6e-117:588:95//Hs.54943:Z78396
F-PLACE1009190//EST//0.046:95:70//Hs.131646:AI025689
F-PLACE1009200//EST//2.5e-41:195:78//Hs.162404:AA573131
F-PLACE1009230//CARCINOEMBRYONIC ANTIGEN PRECURSOR//5.3e-29:157:77//Hs.146403:M29540
F-PLACE1009246//EST//0.13:178:62//Hs.23298:R22575
15 F-PLACE1009298//ESTs, Highly similar to VACUOLAR SORTING PROTEIN 35 [Saccharomyces cerevisiae]//1.9e-21:121:98//Hs.124768:AA307735
F-PLACE1009308//SERUM PROTEIN MSE55//0.44:195:62//Hs.148101:M88338
F-PLACE1009319//Homo sapiens post-synaptic density protein 95 (PSD95) mRNA, complete cds//9.7e-08:411:59//Hs.23731:U83192
20 F-PLACE1009328//Human Line-1 repeat mRNA with 2 open reading frames//2.3e-91:594:86//Hs.23094:M19503
F-PLACE1009335//EST//0.037:169:63//Hs.148875:AI240767
F-PLACE1009338//ESTs//5.7e-22:123:98//Hs.66783:AA059473
F-PLACE1009368
F-PLACE1009375
25 F-PLACE1009388//Homo sapiens KIAA0395 mRNA, partial cds//1.7e-41:317:81//Hs.43681:AL022394
F-PLACE1009398//Zinc finger protein 84 (HPF2)//1.4e-79:730:74//Hs.9450:M27878
F-PLACE1009404//MICROTUBULE-ASSOCIATED PROTEIN TAU//0.099:207:61//Hs.101174:AF047863
F-PLACE1009410//Homo sapiens BAF57 (BAF57) gene, complete cds//1.4e-27:210:86//Hs.3404:AF035262
F-PLACE1009434//Human mRNA for KIAA0005 gene, complete cds//2.8e-45:599:68//Hs.155291:D13630
30 F-PLACE1009443//H.sapiens 5T4 gene for 5T4 Oncofetal antigen//0.11:350:58//Hs.82128:AJ012159
F-PLACE1009444//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA//1.5e-22:146:93//Hs.76987:AF012872
F-PLACE1009459//H.sapiens garp gene mRNA, complete CDS//1.0:241:60//Hs.151641:Z24680
F-PLACE1009468//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE BETA 2//0.00039:347:60//Hs.994:M95678
35 F-PLACE1009476//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-67AI//4.1e-91:464:96//Hs.155049:AC004531
F-PLACE1009477//ESTs//0.30:221:61//Hs.107287:AI308839
F-PLACE1009493//Homo sapiens mRNA for LAK-4p, complete cds//1.6e-30:608:63//Hs.16165:AB002405
F-PLACE1009524//Human Sec7p-like protein mRNA, partial cds//2.3e-68:526:78//Hs.8517:U70728
40 F-PLACE1009539//ESTs//3.3e-18:186:83//Hs.71922:AA148417
F-PLACE1009542//EST//7.8e-11:265:65//Hs.159692:AI416956
F-PLACE1009571//ESTs//6.1e-15:94:97//Hs.151458:AA600866
F-PLACE1009581//Microtubule-associated protein 1A//1.0:196:59//Hs.147918:U38291
F-PLACE1009595//EST//1.8e-28:179:92//Hs.60090:AA004806
45 F-PLACE1009596//ESTs, Weakly similar to LIS-1 protein [H.sapiens]//4.1e-16:281:66//Hs.13889:AI341394
F-PLACE1009607//Homo sapiens PYRIN (MEFV) mRNA, complete cds//4.9e-52:313:79//Hs.113283:AF018080
F-PLACE1009613//ESTs//0.50:297:60//Hs.25114:AI074011
F-PLACE1009621//ESTs//1.4e-98:470:98//Hs.124695:AI094085
F-PLACE1009622//ESTs//9.8e-14:94:93//Hs.117227:AA682773
50 F-PLACE1009637//ESTs//4.9e-92:440:98//Hs.126587:AA917087
F-PLACE1009639
F-PLACE1009659//Homo sapiens mRNA for KIAA0587 protein, complete cds//4.4e-173:816:98//Hs.21862:AB011159
F-PLACE1009665//ESTs//9.1e-45:383:79//Hs.61199:AA024494
55 F-PLACE1009670//Homo sapiens genethonin 1 mRNA, complete cds//8.1e-149:701:98//Hs.109590:AF062534
F-PLACE1009708//ESTs, Weakly similar to HYPOTHETICAL TRP-ASP REPEATS CONTAINING PROTEIN IN HXT14-PHA2 INTERGENIC REGION [S.cerevisiae]//7.5e-51:295:92//Hs.48541:AA827926
F-PLACE1009721//EST//0.18:467:58//Hs.124358:AA830650

- F-PLACE1009731//ESTs//1.0:207:63//Hs.60440:AA195789
 F-PLACE1009763//Homo sapiens UBA3 (UBA3) mRNA, complete cds//1.3e-126:602:98//Hs.154320:AF046024
 F-PLACE1009794//ESTs//4.0e-41:252:91//Hs.42927:N20989
 5 F-PLACE1009798//Human DNA sequence from clone 1189B24 on chromosome Xq25-26.3. Contains NADH-Ubi-quinone Oxidoreductase MLRQ subunit (EC 1.6.5.3, EC 1.6.99.3, Cl-MLRQ), Tubulin Beta and Proto-oncogene Tyrosine-protein Kinase FER (EC 2.7.1.112, P94-FER, C-FER, TYK3) pseudogenes, and part of a novel gene similar to hypothetical proteins S. pombe C22F3.14C and C. elegans C16A3.8. Contains ESTs and GSSs//5.5e-130:600:95//Hs.16411:AL030996
 F-PLACE1009845
 10 F-PLACE1009861
 F-PLACE1009879//ESTs//6.3e-12:293:66//Hs.147071:AI200021
 F-PLACE1009886
 F-PLACE1009888//EST//0.044:255:58//Hs.160695:AI282889
 F-PLACE1009908
 15 F-PLACE1009921//Apoptosis (APO-1) antigen 1//0.62:407:57//Hs.82359:X63717
 F-PLACE1009924//EST//2.9e-29:155:99//Hs.162937:AA634379
 F-PLACE1009925
 F-PLACE1009935//CATHEPSIN K PRECURSOR//0.43:153:66//Hs.83942:X82153
 F-PLACE1009947//ESTs//1.8e-07:56:100//Hs.149940:AI306446
 20 F-PLACE1009971//Acyl-Coenzyme A dehydrogenase, C-2 to C-3 short chain//0.89:243:61//Hs.127610:Z80345
 F-PLACE1009992//ESTs//0.99:123:68//Hs.91202:AI139114
 F-PLACE1009995//ESTs, Weakly similar to C01A2.4 [C.elegans]//3.3e-24:174:88//Hs.11449:AI201540
 F-PLACE1009997//Homo sapiens mRNA for KIAA0629 protein, partial cds//3.7e-36:196:96//Hs.153545:AB014529
 25 F-PLACE1010023
 F-PLACE1010031//ESTs//1.3e-16:132:87//Hs.46847:W02878
 F-PLACE1010053//ESTs, Moderately similar to M-phase phosphoprotein 4 [H.sapiens]//5.2e-63:312:98//Hs.142151:AA984061
 F-PLACE1010069//ESTs//6.6e-33:171:98//Hs.128844:AA977596
 30 F-PLACE1010074//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds//5.9e-168:792:98//Hs.11183:AF065482
 F-PLACE1010076//ESTs//0.88:379:55//Hs.5884:N21424
 F-PLACE1010083//Homo sapiens mRNA for KIAA0456 protein, partial cds//9.6e-154:727:98//Hs.5003:AB007925
 F-PLACE1010089//ESTs, Highly similar to PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE [Mus musculus]//1.8e-38:212:95//Hs.98067:AA236822
 35 F-PLACE1010096//ESTs, Highly similar to hypothetical protein, 100K [R.norvegicus]//1.8e-08:100:89//Hs.11469:U69567
 F-PLACE1010102//Homo sapiens stimulator of Fe transport mRNA, complete cds//0.0035:339:60//Hs.129683:AF020761
 40 F-PLACE1010105//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//1.2e-26:728:60//Hs.122967:AF059569
 F-PLACE1010106//EST//8.5e-28:394:70//Hs.142044:AA166682
 F-PLACE1010134//H.sapiens hbrm mRNA//1.2e-14:380:64//Hs.77590:X72889
 F-PLACE1010148//Human trans-Golgi p230 mRNA, complete cds//0.26:708:57//Hs.158245:U41740
 45 F-PLACE1010152
 F-PLACE1010181//EST//1.3e-21:312:71//Hs.141501:N50792
 F-PLACE1010194//ESTs//2.6e-55:284:97//Hs.155940:AA459582
 F-PLACE1010202//ESTs, Weakly similar to No definition line found [C.elegans]//2.3e-72:391:94//Hs.35225:H69637
 50 F-PLACE1010231
 F-PLACE1010261//Homo sapiens mRNA for KIAA0448 protein, complete cds//1.9e-146:693:97//Hs.27349:AB007917
 F-PLACE1010270//ESTs//2.0e-104:514:98//Hs.124062:H04590
 F-PLACE1010274//ESTs, Weakly similar to C01A2.4 [C.elegans]//6.8e-25:149:93//Hs.11449:AI201540
 55 F-PLACE1010293//EST//4.5e-36:358:74//Hs.162398:AA572813
 F-PLACE1010310//HOMEBOX/POU DOMAIN PROTEIN RDC-1//2.1e-10:352:62//Hs.74095:L20433
 F-PLACE1010321//Human hSIAH2 mRNA, complete cds//0.071:604:58//Hs.20191:U76248
 F-PLACE1010324//ESTs//0.22:286:58//Hs.130853:AI367875

F-PLACE1010329//EST//5.7e-05:351:60//Hs.120644:AA742659
 F-PLACE1010341//EST//4.5e-16:255:72//Hs.141206:H53117
 F-PLACE1010362//ESTs//1.9e-41:246:92//Hs.128771:AA236855
 F-PLACE1010364//EST//0.11:292:58//Hs.135771:AI005648
 5 F-PLACE1010383//EST//6.1e-08:107:76//Hs.136441:AA564986
 F-PLACE1010401
 F-PLACE1010481//Human BLu protein (BLu) mRNA, complete cds//0.94:254:61//Hs.125257:U70824
 F-PLACE1010491//Homo sapiens Cre binding protein-like 2 mRNA, complete cds//7.2e-152:702:99//Hs.13313:
 AF039081
 10 F-PLACE1010492//ESTs//1.0:201:60//Hs.146036:AI038500
 F-PLACE1010522//ESTs//3.9e-52:263:97//Hs.125149:AI302100
 F-PLACE1010529//Homo sapiens chromodomain-helicase-DNA-binding protein mRNA, complete cds//1.0:175:
 64//Hs.159273:AF054177
 F-PLACE1010547//ESTs//0.96:288:57//Hs.87156:AA233472
 15 F-PLACE1010562//EST//1.0:164:66//Hs.147868:AI222979
 F-PLACE1010579//EST//0.39:279:58//Hs.158960:AI380148
 F-PLACE1010580//ESTs, Moderately similar to PUTATIVE ATP-DEPENDENT RNA HELICASE C12C2.06
 [Schizosaccharomyces pombe]//3.8e-31:193:91//Hs.145229:N44661
 F-PLACE1010599//Homo sapiens peroxisomal membrane anchor protein HsPex14p (PEX14) mRNA, complete
 20 cds//9.9e-148:707:97//Hs.19851:AF045186
 F-PLACE1010616//EST//3.1e-43:213:100//Hs.128215:AA972394
 F-PLACE1010622//NUCLEOLIN//0.00040:282:60//Hs.79110:M60858
 F-PLACE1010624//Homo sapiens Jagged 2 mRNA, complete cds//1.2e-05:516:61//Hs.106387:AF029778
 F-PLACE1010628//EST, Weakly similar to line-1 protein ORF2 [H.sapiens]//0.012:258:62//Hs.144375:AA484200
 25 F-PLACE1010629//EST//8.3e-23:218:79//Hs.161975:AA501461
 F-PLACE1010630//EST//0.29:319:58//Hs.137277:N62225
 F-PLACE1010631//Homo sapiens mRNA for KIAA0530 protein, partial cds//9.5e-66:363:95//Hs.10801:AB011102
 F-PLACE1010661//ESTs//3.9e-89:504:92//Hs.122666:W27076
 F-PLACE1010662
 30 F-PLACE1010702//Human repressor transcriptional factor (ZNF85) mRNA, complete cds//1.1e-74:697:74//Hs.
 37138:U35376
 F-PLACE1010714//EST//0.018:253:59//Hs.148028:AI270027
 F-PLACE1010720//Homo sapiens chromosome-associated protein-C (hCAP-C) mRNA, partial cds//6.1e-77:393:
 96//Hs.50758:AF092564
 35 F-PLACE1010739//Homo sapiens mRNA for Sec24 protein (Sec24A isoform), partial//0.97:314:59//Hs.14574:
 AJ131244
 F-PLACE1010743//Human myosin-IXb mRNA, complete cds//2.4e-56:409:86//Hs.159629:U42391
 F-PLACE1010761//ESTs, Weakly similar to U1 SMALL NUCLEAR RIBONUCLEOPROTEIN 70 KD [Xenopus lae-
 vis]//5.1e-80:407:96//Hs.80965:AA493284
 40 F-PLACE1010771//ESTs, Highly similar to TRANSCRIPTIONAL REGULATOR PROTEIN HCNGP [Mus musculus]
 //6.0e-45:251:94//Hs.11379:AA594140
 F-PLACE1010786
 F-PLACE1010800
 F-PLACE1010802//EST//0.94:128:64//Hs.120366:AA719157
 45 F-PLACE1010811//ESTs//0.89:339:59//Hs.127314:N48085
 F-PLACE1010833//ESTs, Weakly similar to allograft inflammatory factor-1 [H.sapiens]//2.9e-28:245:79//Hs.
 132736:AA583494
 F-PLACE1010856//ESTs//1.5e-06:95:87//Hs.17401:W81048
 F-PLACE1010857//ESTs, Weakly similar to KIAA0157 gene product is novel. [H.sapiens]//5.8e-67:336:97//Hs.
 50 130135:AA905493
 F-PLACE1010870//Zinc finger protein 43 (HTF6)//9.7e-40:498:69//Hs.74107:X59244
 F-PLACE1010877//Homo sapiens mRNA for KIAA0610 protein, partial cds//3.7e-149:694:98//Hs.118087:
 AB011182
 F-PLACE1010891//ESTs//6.9e-54:377:87//Hs.24453:R31671
 55 F-PLACE1010896//Human homologue of yeast sec7 mRNA, complete cds//0.64:167:65//Hs.1050:M85169
 F-PLACE1010900
 F-PLACE1010916//EST//0.55:151:66//Hs.145800:AI269981
 F-PLACE1010917

EP 1 074 617 A2

F-PLACE1010925//ESTs//2.6e-81:437:94//Hs.5876:H26537
 F-PLACE1010926//Homo sapiens mRNA for KIAA0554 protein, partial cds//3.1e-139:653:98//Hs.74750:
 AB011126
 F-PLACE1010942//Homo sapiens intersectin short form mRNA, complete cds//2.9e-91:437:98//Hs.66392:
 5 AF064244
 F-PLACE1010944//ESTs//1.3e-17:117:91//Hs.29444:W30985
 F-PLACE1010947//EST//0.97:93:72//Hs.162299:AA555154
 F-PLACE1010954//Apolipoprotein B (including Ag(x) antigen)//0.28:444:59//Hs.585:X04506
 F-PLACE1010960//ESTs//0.98:238:60//Hs.163674:AA506632
 10 F-PLACE1010965//ESTs//3.1e-74:376:96//Hs.115679:AI379721
 F-PLACE1011026//EST//0.022:222:60//Hs.47154:N50931
 F-PLACE1011032//EST//1.1e-05:88:79//Hs.118024:N34032
 F-PLACE1011041//Human density enhanced phosphatase-1 mRNA, complete cds//0.28:179:67//Hs.1177:
 U10886
 15 F-PLACE1011046//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE BETA 2//6.2e-
 11:207:68//Hs.994:M95678
 F-PLACE1011054//H.sapiens OBF-1 mRNA for octamer binding factor 1//6.1e-35:310:78//Hs.2407:Z49194
 F-PLACE1011056//Human putative serine/threonine protein kinase PRK (prk) mRNA, complete cds//0.74:228:61//
 Hs.153640:U56998
 20 F-PLACE1011057//EST//2.5e-80:388:98//Hs.126466:AA913320
 F-PLACE1011090//ESTs//1.4e-94:469:97//Hs.106448:R76663
 F-PLACE101109//ESTs//0.13:303:62//Hs.49294:AA418037
 F-PLACE101114//ESTs//5.8e-12:75:100//Hs.147422:AI214317
 F-PLACE1011133//ESTs//0.17:225:62//Hs.132853:AI370857
 25 F-PLACE1011143//ESTs//0.013:264:63//Hs.115368:AA629949
 F-PLACE1011160
 F-PLACE1011165//Galactokinase 2//2.7e-32:194:92//Hs.129228:M84443
 F-PLACE1011185//EST//1.4e-34:261:83//Hs.140250:AA708114
 F-PLACE1011203//Homo sapiens chromosome 18q11 beta-1,4-galactosyltransferase mRNA, complete cds//6.9e-
 30 124:576:99//Hs.159140:AF038664
 F-PLACE1011214//ESTs, Weakly similar to B0035.14 [C.elegans]//9.7e-101:469:99//Hs.8241:AA283057
 F-PLACE1011219//ESTs, Weakly similar to coded for by C. elegans cDNA CEESL70F [C.elegans]//2.6e-62:221:
 88//Hs.101821:W27452
 F-PLACE1011221//ESTs//0.46:238:62//Hs.32853:AA015751
 35 F-PLACE1011229//Homo sapiens mRNA for KIAA0529 protein, partial cds//1.4e-147:675:99//Hs.23168:
 AB011101
 F-PLACE1011263//Homo sapiens BAC clone GS166A23 from 7p21//5.9e-71:350:98//Hs.15144:AC005014
 F-PLACE1011273//ESTs//1.0:222:59//Hs.35274:AA495803
 F-PLACE1011291//Homo sapiens clone 24712 unknown mRNA, partial cds//3.4e-09:191:65//Hs.140950:
 40 AF070637
 F-PLACE1011296//ESTs//0.019:137:63//Hs.140654:AA865915
 F-PLACE1011310//EST//0.066:336:58//Hs.162529:AA584160
 F-PLACE1011325//ESTs//7.4e-43:229:96//Hs.21081:H08310
 F-PLACE1011332//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds//4.8e-151:696:
 45 99//Hs.5819:AF102265
 F-PLACE1011340//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//1.5e-20:120:81//Hs.
 159897:AB007970
 F-PLACE1011371//Human mRNA for PK-120//9.5e-35:684:63//Hs.76415:D38535
 F-PLACE1011375//ESTs, Moderately similar to potassium channel protein Raw3 [R.norvegicus]//6.7e-68:325:99//
 50 Hs.107245:AA627053
 F-PLACE1011399//ESTs//8.6e-05:285:61//Hs.130105:AA904868
 F-PLACE1011419//ESTs//0.70:240:62//Hs.159650:N95552
 F-PLACE1011433//Homo sapiens mRNA for KIAA0530 protein, partial cds//1.5e-158:743:98//Hs.10801:
 AB011102
 55 F-PLACE1011452//Human Line-1 repeat mRNA with 2 open reading frames//1.9e-53:557:72//Hs.23094:M19503
 F-PLACE1011465//EST//3.1e-58:380:85//Hs.131605:AI025204
 F-PLACE1011472//Homo sapiens mRNA for KIAA0712 protein, complete cds//1.5e-152:703:99//Hs.111138:
 AB018255

F-PLACE1011477//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds//1.7e-146:675:99//Hs.11183:AF065482
 F-PLACE1011492//ESTs//2.0e-35:186:98//Hs.125886:AA884264
 F-PLACE1011503//EST//0.67:149:65//Hs.149774:AI285997
 5 F-PLACE1011520//ESTs//0.00014:213:64//Hs.119889:AA705319
 F-PLACE1011563//ESTs//2.2e-61:394:86//Hs.117718:AA883476
 F-PLACE1011567//Homo sapiens DEC-205 mRNA, complete cds//3.1e-46:325:84//Hs.153563:AF011333
 F-PLACE1011576//Homo sapiens hematopoietic cell derived zinc finger protein mRNA, complete cds//4.3e-67:268:86//Hs.86371:AF054180
 10 F-PLACE1011586//Homo sapiens hLRpl05 mRNA for LDL receptor related protein 105, complete cds//0.98:153:65//Hs.143641:AB009462
 F-PLACE1011635//Homo sapiens Jagged 2 mRNA, complete cds//0.00029:585:57//Hs.106387:AF029778
 F-PLACE1011641
 F-PLACE1011643//Homo sapiens mRNA for KIAA0293 gene, partial cds//0.00058:499:58//Hs.12784:AB006631
 15 F-PLACE1011646//EST//3.2e-26:201:68//Hs.140349:AA757661
 F-PLACE1011649//ESTs//0.25:145:64//Hs.23033:R46086
 F-PLACE1011650//ESTs//0.041:96:77//Hs.119351:AA447745
 F-PLACE1011664//Human mRNA for stac, complete cds//1.0:245:60//Hs.56045:D86640
 F-PLACE1011675//Cell division cycle 27//0.098:448:57//Hs.73151:S78234
 20 F-PLACE1011682//EST//9.6e-06:119:72//Hs.93664:N23366
 F-PLACE1011719//Human mRNA for KIAA0352 gene, complete cds//0.92:365:60//Hs.17262:AB002350
 F-PLACE1011725
 F-PLACE1011729//EST//0.56:304:58//Hs.86378:AA210853
 F-PLACE1011749//ESTs//4.3e-88:443:96//Hs.132850:AA779891
 25 F-PLACE1011762//ESTs//0.012:149:68//Hs.145075:AI208240
 F-PLACE1011778//ESTs//0.00016:199:64//Hs.160395:AI393693
 F-PLACE1011783//EST//1.0:119:66//Hs.162191:AA534660
 F-PLACE1011858//Human novel homeobox mRNA for a DNA binding protein//8.9e-05:477:59//Hs.37035:U07664
 F-PLACE1011874//EST//0.20:118:66//Hs.127351:AA954775
 30 F-PLACE1011875//Homo sapiens mRNA for KIAA0580 protein, partial cds//5.3e-110:526:98//Hs.22572:AB011152
 F-PLACE1011891//ESTs//1.8e-58:397:88//Hs.84698:AA725913
 F-PLACE1011896//ESTs, Weakly similar to Y53C12A.3 [C.elegans]//9.4e-09:478:56//Hs.107747:AI357868
 F-PLACE1011922//ESTs//0.49:249:62//Hs.152627:AA595817
 F-PLACE1011923//Homo sapiens serum-inducible kinase mRNA, complete cds//3.7e-140:664:98//Hs.3838:AF059617
 35 F-PLACE1011962//EST//1.7e-07:81:85//Hs.104333:AA250763
 F-PLACE1011964//EST//6.6e-38:412:74//Hs.140562:AA826514
 F-PLACE1011982//ESTs//0.40:405:60//Hs.127743:AI261591
 F-PLACE1011995//ESTs//1.7e-22:486:64//Hs.105157:AA527514
 40 F-PLACE1012031//Homo sapiens mRNA for KIAA0713 protein, partial cds//4.0e-148:690:98//Hs.88756:AB018256
 F-PLACE20000003//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//6.5e-54:290:81//Hs.92381:AB007956
 F-PLACE20000006//ESTs//0.067:224:62//Hs.144100:AI205503
 45 F-PLACE20000007//ESTs//8.1e-23:147:91//Hs.128530:AA325330
 F-PLACE2000011//Interleukin 10//4.2e-42:362:78//Hs.2180:M57627
 F-PLACE2000014//EST//0.10:214:61//Hs.160247:AI138831
 F-PLACE2000015//Interleukin 10//1.4e-44:393:78//Hs.2180:M57627
 F-PLACE2000017
 50 F-PLACE2000021//Homo sapiens TRF1-interacting ankyrin-related ADP-ribose polymerase mRNA, partial cds//5.7e-85:844:72//Hs.7928:AF082557
 F-PLACE2000030
 F-PLACE2000033//Human adhesion molecule ninjurin mRNA, complete cds//0.85:234:66//Hs.11342:U91512
 F-PLACE2000034//Homo sapiens mRNA for KIAA0607 protein, partial cds//0.058:348:62//Hs.94653:AB011179
 55 F-PLACE2000039//Human plectin (PLEC1) mRNA, complete cds//0.0058:473:59//Hs.79706:U53204
 F-PLACE2000047//ESTs//4.9e-32:328:75//Hs.141024:H07128
 F-PLACE2000050//ESTs//3.0e-36:270:83//Hs.155512:AA663966
 F-PLACE2000061

EP 1 074 617 A2

F-PLACE2000062//Human membrane-associated lectin type-C mRNA//2.9e-114:662:86//Hs.23759:M98457
 F-PLACE2000072//Homo sapiens ZNF202 alpha (ZNF202) mRNA, complete cds//7.1e-135:631:98//Hs.9443:AF027219
 F-PLACE2000097//ESTs//0.021:117:70//Hs.132811:AI034333
 5 F-PLACE2000100
 F-PLACE2000103//ESTs//1.1e-56:284:98//Hs.144786:AI219219
 F-PLACE2000111//H.sapiens mRNA for l-acylglycerol-3-phosphate O-acyltransferase//0.76:215:65//Hs.6587:U56417
 F-PLACE2000115
 10 F-PLACE2000124//Human mRNA for KIAA0355 gene, complete cds//2.8e-49:400:79//Hs.153014:AB002353
 F-PLACE2000132
 F-PLACE2000136//ESTS, Moderately similar to hypothetical protein [H.sapiens]//1.2e-08:245:64//Hs.140343:AA718911
 F-PLACE2000140//Adenylate kinase 2 (adk2)//3.7e-24:162:90//Hs.83833:U54645
 15 F-PLACE2000164
 F-PLACE2000170
 F-PLACE2000172//ESTs//0.64:239:62//Hs.31175:AI219179
 F-PLACE2000176
 F-PLACE2000187
 20 F-PLACE2000216
 F-PLACE2000223//EST//0.0092:171:60//Hs.162830:AA643933
 F-PLACE2000235//Human mRNA for KIAA0298 gene, complete cds//1.6e-38:792:63//Hs.21560:AB002296
 F-PLACE2000246//Homo sapiens mRNA for KIAA0795 protein, partial cds//1.5e-74:367:98//Hs.22926:AB018338
 F-PLACE2000264//Homo sapiens mRNA for KIAA0792 protein, complete cds//2.0e-29:366:73//Hs.119387:AB007958
 25 F-PLACE2000274//Homo sapiens mRNA for dynein heavy chain//1.0e-23:650:62//Hs.144672:AJ000522
 F-PLACE2000302//ESTs//1.7e-05:66:89//Hs.55572:W37560
 F-PLACE2000305//ESTs//1.6e-78:382:98//Hs.136731:AA745869
 F-PLACE2000317
 30 F-PLACE2000335//Fc fragment of IgE, high affinity I, receptor for; beta polypeptide//6.1e-24:295:76//Hs.30:M89796
 F-PLACE2000341//Human sodium iodide symporter mRNA, complete cds//6.8e-21:593:61//Hs.103983:U66088
 F-PLACE2000342//Centromere protein B (80kD)//1.4e-06:326:61//Hs.85004:X05299
 F-PLACE2000347//ESTs, Moderately similar to F18547_1 [H.sapiens]//3.7e-16:139:82//Hs.28209:AI073817
 35 F-PLACE2000359//ESTs//5.0e-19:251:71//Hs.58272:W76645
 F-PLACE2000366//ESTs//1.7e-37:399:75//Hs.136646:AA748045
 F-PLACE2000371//EST//0.65:107:65//Hs.157677:AI358861
 F-PLACE2000373//ESTs//0.30:207:59//Hs.143902:AI131032
 F-PLACE2000379//ESTs//1.3e-64:402:87//Hs.146307:AA584638
 40 F-PLACE2000394//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//1.0e-87:694:80//Hs.158095:AB007953
 F-PLACE2000398
 F-PLACE2000399
 F-PLACE2000404
 45 F-PLACE2000411
 F-PLACE2000419//Homo sapiens PYRIN (MEFV) mRNA, complete cds//8.0e-52:463:74//Hs.113283:AF018080
 F-PLACE2000425//EST//0.44:168:62//Hs.44677:N34966
 F-PLACE2000427
 F-PLACE2000433//ESTs//4.7e-18:213:74//Hs.110187:AA699719
 50 F-PLACE2000435//EST//4.7e-05:159:64//Hs.123604:AA815257
 F-PLACE2000438//H.sapiens mRNA for UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase (T2)//1.9e-20:418:64//Hs.130181:X85019
 F-PLACE2000450//Homo sapiens PYRIN (MEFV) mRNA, complete cds//4.0e-83:324:81//Hs.113283:AF018080
 F-PLACE2000455//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]//4.0e-05:100:73//Hs.104239:AA488082
 55 F-PLACE2000458//H.sapiens mRNA for hFat protein//0.0010:545:57//Hs.91107:X87241
 F-PLACE2000465//ESTs//4.4e-38:377:75//Hs.55855:AA621381
 F-PLACE2000477//Homo sapiens PYRIN (MEFV) mRNA, complete cds//1.8e-68:520:81//Hs.113283:AF018080

EP 1 074 617 A2

F-PLACE3000004//Human EYA3 homolog (EYA3) mRNA, complete cds//3.9e-14:204:73//Hs.46925:Y10262 ,
F-PLACE3000009//Human mRNA for KIAA0386 gene, complete cds//4.8e-59:696:69//Hs.101359:AB002384
F-PLACE3000020//Prostaglandin 12 (prostacyclin) receptor (IP)//0.00081:500:61//Hs.393:D38128
F-PLACE3000029
5 F-PLACE3000059//ESTs//0.0026:49:100//Hs.42913:AI082248
F-PLACE3000070//ESTs//5.6e-15:202:74//Hs.154993:AA142842
F-PLACE3000103//Homo sapiens cofactor of initiator function (CIF150) mRNA, complete cds//1.0:186:62//Hs.122752:AF026445
F-PLACE3000119//Homo sapiens mRNA for KIAA0752 protein, partial cds//2.8e-48:283:83//Hs.23711:AB018295
10 F-PLACE3000121
F-PLACE3000124//Thromboxane A2 receptor//1.1e-55:195:83//Hs.89887:D38081
F-PLACE3000136//Homo sapiens mRNA for KIAA0703 protein, complete cds//1.0:194:59//Hs.6168:AB014603
F-PLACE3000142//EST//0.41:179:59//Hs.137438:AA282243
F-PLACE3000145//ESTs//3.5e-25:145:96//Hs.163950:AA683016
15 F-PLACE3000147//EST//5.0e-43:285:86//Hs.160895:AI365871
F-PLACE3000148
F-PLACE3000155//Homo sapiens mRNA for KIAA0672 protein, complete cds//5.6e-80:382:99//Hs.6336:AB014572
F-PLACE3000156//ESTs//0.00015:277:62//Hs.156834:AI336023
20 F-PLACE3000157//Calcium channel, voltage-dependent, P/Q type, alpha 1A subunit//0.54:320:60//Hs.96253:U79666
F-PLACE3000158//Homo sapiens mRNA for KIAA0575 protein, complete cds//4.9e-66:319:88//Hs.153468:AB011147
F-PLACE3000160
25 F-PLACE3000169//Small inducible cytokine A5 (RANTES)//1.3e-64:501:80//Hs.155464:AF088219
F-PLACE3000194
F-PLACE3000197
F-PLACE3000199//EST//1.0:108:68//Hs.98488:AA426546
F-PLACE3000207//EST//1.0e-32:184:75//Hs.160146:AI049975
30 F-PLACE3000208//CLASS II HISTOCOMPATIBILITY ANTIGEN, M ALPHA CHAIN PRECURSOR//1.0:271:61//Hs.77522:X62744
F-PLACE3000218//EST//1.3e-46:317:84//Hs.162197:AA535216
F-PLACE3000220//EST//9.3e-95:443:99//Hs.112702:AA609377
F-PLACE3000221//Homo sapiens DNA fragmentation factor 40 kDa subunit (DFF40) mRNA, complete cds//9.2e-56:200:85//Hs.133089:AF064019
35 F-PLACE3000226
F-PLACE3000230//EST//6.1e-16:173:72//Hs.148578:AI201568
F-PLACE3000242//Human DNA sequence from clone 1409 on chromosome Xp11.1-11.4. Contains a Inter-Alpha-Trypsin Inhibitor Heavy Chain LIKE gene, a alternatively spliced Melanoma-Associated Antigen MAGE LIKE gene and a 6-Phosphofructo-2-kinase (Fructose-2,6-bisphosphatase) LIKE pseudogene. Contains ESTs, STSs and genomic marker DXS8032//1.2e-54:434:80//Hs.4943:Z98046
40 F-PLACE3000244
F-PLACE3000254//NUCLEOLIN//2.6e-05:445:60//Hs.79110:M60858
F-PLACE3000271//ESTs//1.6e-25:195:72//Hs.108452:H78650
45 F-PLACE3000276//ESTs//1.0e-13:274:66//Hs.28589:AI004944
F-PLACE3000304//EST//0.043:210:61//Hs.132378:AI026770
F-PLACE3000310
F-PLACE3000320//EST//1.2e-12:188:70//Hs.145771:AI269586
F-PLACE3000322//Small inducible cytokine A5 (RANTES)//4.7e-29:252:80//Hs.155464:AF088219
50 F-PLACE3000331
F-PLACE3000339//Homo sapiens mRNA for KIAA0645 protein, complete cds//0.91:222:61//Hs.155987:AB014545
F-PLACE3000341//EST//1.8e-05:394:58//Hs.112894:AA620741
F-PLACE3000350//ESTs, Highly similar to SERINE/THREONINE-PROTEIN KINASE SULU [Caenorhabditis elegans]//2.9e-59:474:77//Hs.125850:AA885355
55 F-PLACE3000352//H.sapiens OBF-1 mRNA for octamer binding factor 1//2.5e-48:442:78//Hs.2407:Z49194
F-PLACE3000353//H.sapiens mRNA for UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase (T1)//0.78:234:63//Hs.7498:U41514

F-PLACE3000362//EST//6.5e-25:302:73//Hs.140504:AA810441
 F-PLACE3000363
 F-PLACE3000365//ESTs//0.81:200:60//Hs.141556:N49928
 F-PLACE3000373//ESTs//0.0071:82:73//Hs.136310:AA442641
 5 F-PLACE3000388//ESTs//7.9e-16:235:71//Hs.44701:AA830432
 F-PLACE3000399//Clathrin, light polypeptide (Lcb)//5.2e-70:391:81//Hs.73919:X81637
 F-PLACE3000400//ESTs//0.53:162:66//Hs.49303:AA810785
 F-PLACE3000401//EST//2.3e-35:178:100//Hs.162851:AA632270
 F-PLACE3000402//ESTs//2.4e-84:425:96//Hs.148962:AI219715
 10 F-PLACE3000405//EST//2.1e-39:452:73//Hs.140414:AA778541
 F-PLACE3000406//Homo sapiens apoptotic protease activating factor 1 (Apaf-1) mRNA, complete cds//1.9e-07:
 116:78//Hs.77579:AF013263
 F-PLACE3000413//ESTs, Weakly similar to methyl sterol oxidase [H.sapiens]//1.6e-51:260:98//Hs.122512:
 H61502
 15 F-PLACE3000416//Homo sapiens mRNA for KIAA0801 protein, complete cds//0.00020:630:57//Hs.17585:
 AB018344
 F-PLACE3000425//EST//3.8e-34:286:79//Hs.135301:AI039161
 F-PLACE3000455//Homo sapiens mRNA for cytochrome b small subunit of complex II, complete cds//3.6e-32:
 183:93//Hs.108326:AB006202
 20 F-PLACE3000475//ESTs//1.9e-09:422:61//Hs.145783:AA081874
 F-PLACE3000477//H.sapiens mRNA for chemokine receptor D6//1.0:426:54//Hs.117572:U94888
 F-PLACE4000009//TRICHOHYALIN//3.1e-09:692:60//Hs.82276:L09190
 F-PLACE4000014//Homo sapiens mRNA for KIAA0809 protein, partial cds//3.6e-118:331:100//Hs.105399:
 AB018352
 25 F-PLACE4000034//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-69G12//1.1e-06:244:63//Hs.154050:
 AC004131
 F-PLACE4000049//Homo sapiens clone 24619 mRNA sequence//4.3e-45:371:79//Hs.139088:AF070533
 F-PLACE4000052//Human ATP binding cassette transporter (ABCR) mRNA, complete cds//1.4e-53:669:67//Hs.
 40993:AF000148
 30 F-PLACE4000063
 F-PLACE4000089//ESTs//2.2e-10:121:85//Hs.49391:W00713
 F-PLACE4000093//ESTs//0.0053:273:60//Hs.136952:AA825819
 F-PLACE4000100//ESTs//8.0e-21:246:73//Hs.140207:N32058
 F-PLACE4000106//Homo sapiens mRNA for KIAA0462 protein, partial cds//3.8e-147:684:99//Hs.129937:
 35 AB007931
 F-PLACE4000128//Homo sapiens ES/130 mRNA, complete cds//0.23:398:60//Hs.98614:AF006751
 F-PLACE4000129
 F-PLACE4000131//ESTs//2.4e-13:194:72//Hs.41418:H90627
 F-PLACE4000147//ESTs//0.0060:324:60//Hs.85640:AA535856
 40 F-PLACE4000156//Zinc finger protein 136 (clone pHZ-20)//2.3e-89:764:76//Hs.69740:U09367
 F-PLACE4000192
 F-PLACE4000211
 F-PLACE4000222//EST//1.9e-15:317:66//Hs.149206:AI246594
 F-PLACE4000230//Human mRNA for KIAA0331 gene, complete cds//0.0048:258:60//Hs.146395:AB002329
 45 F-PLACE4000233//ESTs//4.4e-38:240:80//Hs.114605:AI304317
 F-PLACE4000247//Homo sapiens mitochondrial outer membrane protein (TOM40) mRNA, nuclear gene encoding
 mitochondrial protein, complete cds//0.0095:156:69//Hs.30928:AF043250
 F-PLACE4000250//ESTs//3.8e-72:377:94//Hs.124234:T89609
 F-PLACE4000252//ESTs//1.0:196:64//Hs.144869:AA493886
 50 F-PLACE4000259//Homo sapiens mRNA for KIAA0788 protein, partial cds//6.2e-27:191:87//Hs.2397:Z70200
 F-PLACE4000261
 F-PLACE4000269//ESTs, Weakly similar to coded for by C. elegans cDNA yk52b10.3 [C.elegans]//9.5e-41:202:
 100//Hs.118849:AA215645
 F-PLACE4000270
 55 F-PLACE4000300
 F-PLACE4000320//FKBP-RAPAMYCIN ASSOCIATED PROTEIN//4.5e-23:135:96//Hs.155952:U88966
 F-PLACE4000323//EST//6.7e-09:180:68//Hs.116769:AA630365
 F-PLACE4000326//ESTs//2.1e-94:453:98//Hs.103177:W72798

EP 1 074 617 A2

F-PLACE4000344//EST//6.4e-05:135:67//Hs.146729:AI147292
 F-PLACE4000367
 F-PLACE4000369
 F-PLACE4000379//EST//3.9e-42:381:79//Hs.162335:AA564256
 5 F-PLACE4000387//ESTs//0.19:93:69//Hs.154173:AI379823
 F-PLACE4000392//ESTs//0.0015:381:59//Hs.120172:AA709046
 F-PLACE4000401//Homo sapiens mRNA for KIAA0640 protein, partial cds//3.1e-47:605:71//Hs.153026:AB014540
 F-PLACE4000411//ESTs, Moderately similar to plakophilin 2b [H.sapiens]//4.7e-33:159:81//Hs.154257:AI275982
 10 F-PLACE4000431//Homo sapiens mRNA for KIAA0788 protein, partial cds//1.3e-45:263:92//Hs.2397:Z70200
 F-PLACE4000445
 F-PLACE4000450
 F-PLACE4000465//ESTs//1.5e-11:273:65//Hs.145783:AA081874
 F-PLACE4000487//Sialophorin (gpL115, leukosialin, CD43)//3.0e-14:189:71//Hs.80738:X52075
 15 F-PLACE4000489//ESTs//0.94:104:68//Hs.125119:R38951
 F-PLACE4000494//ESTs//1.0:185:60//Hs.143053:AI126289
 F-PLACE4000521//ESTs//0.0027:161:70//Hs.135740:AA651731
 F-PLACE4000522//ESTs, Highly similar to NEUROGENIC LOCUS NOTCH PROTEIN HOMOLOG 1 PRECURSOR [Homo sapiens]//0.047:119:65//Hs.129053:AA767022
 20 F-PLACE4000548
 F-PLACE4000558//Homo sapiens mRNA for DFFRY protein, abundant transcript//0.0035:510:59//Hs.39163:AF000986
 F-PLACE4000581
 F-PLACE4000590//ESTs, Highly similar to POL POLYPROTEIN [Friend murine leukemia virus (isolate 57)]//3.4e-13:275:68//Hs.113980:AI034080
 25 F-PLACE4000593//ESTs, Weakly similar to F25D7.1 [C.elegans]//5.2e-28:239:79//Hs.109084:AI004675
 F-PLACE4000612//Keratin 9//0.27:207:64//Hs.2783:Z29074
 F-PLACE4000638//Homo sapiens mRNA from chromosome 5q21-22, clone:sF2//3.5e-47:562:69//Hs.129685:AB002446
 30 F-PLACE4000650
 F-PLACE4000654
 F-PLACE4000670//ESTs//6.1e-88:411:100//Hs.130688:AI028132
 F-SKNMC1000011//Centromere protein B (80kD)//0.0013:243:62//Hs.85004:X05299
 F-SKNMC1000013//ESTs, Highly similar to MULTIDRUG RESISTANCE PROTEIN HOMOLOG 50 [Drosophila melanogaster]//2.5e-36:197:96//Hs.118634:U66688
 35 F-SKNMC1000046//Homo sapiens mRNA for KIAA0654 protein, partial cds//2.5e-148:706:98//Hs.109299:AB014554
 F-SKNMC1000050//Calpain, large polypeptide L2//4.1e-53:330:90//Hs.76288:M23254
 F-SKNMC1000091//ESTs//3.3e-64:420:88//Hs.90997:AA946877
 40 F-THYRO1000017//Human mRNA for KIAA0315 gene, partial cds//1.0:310:60//Hs.3989:AB002313
 F-THYRO1000026//H.sapiens OBF-1 mRNA for octamer binding factor 1//2.9e-35:299:81//Hs.2407:Z49194
 F-THYRO1000034
 F-THYRO1000035//ESTs//4.1e-37:317:79//Hs.141254:AI334099
 F-THYRO1000040//ESTs//0.30:331:59//Hs.87176:AI148326
 45 F-THYRO1000070//Human mRNA for KIAA0347 gene, complete cds//0.069:278:63//Hs.101996:AB002345
 F-THYRO1000072//Homo sapiens clone 23584 mRNA sequence//8.7e-86:722:77//Hs.6654:AB014557
 F-THYRO1000085
 F-THYRO1000092//ESTs//3.1e-100:469:99//Hs.132207:AI148065
 F-THYRO1000107
 50 F-THYRO1000111//Human Line-1 repeat mRNA with 2 open reading frames//6.8e-106:690:86//Hs.23094:M19503
 F-THYRO1000121
 F-THYRO1000124//Human mRNA for alanine aminotransferase//0.0026:420:58//Hs.103502:U70732
 F-THYRO1000129//Homo sapiens TED protein (TED).mRNA, complete cds//2.8e-155:732:98//Hs.87619:AF087142
 55 F-THYRO1000132//ESTs//1.9e-35:164:79//Hs.139179:AA650203
 F-THYRO1000156//EST//0.32:102:68//Hs.139634:AA478416
 F-THYRO1000163//Small inducible cytokine A5 (RANTES)//5.2e-50:331:85//Hs.155464:AF088219
 F-THYRO1000173//Human clathrin assembly protein 50 (AP50) mRNA, complete cds//1.1e-05:261:61//Hs.

152936:D63475
 F-THYRO1000186//H.sapiens mRNA for phosphoinositide 3-kinase//3.7e-41:270:87//Hs.101238:Y11312
 F-THYRO1000187//EST//0.11:227:62//Hs.101773:H23270
 F-THYRO1000190//ESTs//0.82:194:63//Hs.128818:AA976883
 5 F-THYRO1000197//Homo sapiens mRNA for poly(A)-specific ribonuclease//2.4e-175:805:99//Hs.43445:
 AJ005698
 F-THYRO1000199//Homo sapiens mRNA for KIAA0652 protein, complete cds//4.0e-88:616:84//Hs.79672:
 AB014552
 F-THYRO1000206//EST//0.96:291:61//Hs.104962:AA443848
 10 F-THYRO1000221//Human clone 23589 mRNA sequence//0.035:242:62//Hs.11506:U79297
 F-THYRO1000241//EST//0.48:102:69//Hs.160764:AI313322
 F-THYRO1000242//Zinc finger protein 84 (HPF2)//1.2e-42:534:64//Hs.9450:M27878
 F-THYRO1000253//Homo sapiens mRNA for KIAA0690 protein, partial cds//0.61:211:64//Hs.60103:AB014590
 F-THYRO1000270
 15 F-THYRO1000279//ESTs//0.0020:104:72//Hs.121476:AI215500
 F-THYRO1000288//Homo sapiens mRNA for Hs Ste24p, complete cds//1.3e-180:848:98//Hs.25846:AB016068
 F-THYRO1000320//ESTs, Weakly similar to Similar to glutamate decarboxylase [C.elegans]//7.6e-92:431:99//Hs.
 122719:AA777803
 F-THYRO1000327//Autocrine motility factor receptor//2.8e-52:290:93//Hs.80731:M63175
 20 F-THYRO1000343//Homo sapiens mRNA for KIAA0790 protein, partial cds//7.2e-164:763:98//Hs.12002:
 AB018333
 F-THYRO1000358//Human selenium-binding protein (hSBP) mRNA, complete cds//6.9e-34:177:84//Hs.7833:
 U29091
 F-THYRO1000368//ESTs//0.0011:55:96//Hs.34994:AA252919
 25 F-THYRO1000381//Homo sapiens mRNA for KIAA0562 protein, complete cds//0.081:240:62//Hs.118401:
 AB011134
 F-THYRO1000387//EST//3.6e-14:197:71//Hs.139399:AA416855
 F-THYRO1000394//ESTs, Weakly similar to No definition line found [C.elegans]//5.8e-39:245:91//Hs.119095:
 T79413
 30 F-THYRO1000395//EST//5.8e-69:333:99//Hs.156524:AA724572
 F-THYRO1000401//ESTs//1.8e-24:132:98//Hs.54852:W26238
 F-THYRO1000438//EST//1.9e-05:217:63//Hs.115930:AA579773
 F-THYRO1000452//B cell lymphoma protein 6 (zinc finger protein 51)//0.096:306:60//Hs.155024:U00115
 F-THYRO1000471//Tyrosine aminotransferase//5.6e-44:403:77//Hs.2999:X52520
 35 F-THYRO1000484//EST, Weakly similar to putative p150 [H.sapiens]//8.9e-22:248:76//Hs.162011:AA513663
 F-THYRO1000488
 F-THYRO1000501//H.sapiens Staf50 mRNA//3.2e-75:615:77//Hs.68054:X82200
 F-THYRO1000502//ESTs//1.0:350:57//Hs.119749:AA689298
 F-THYRO1000505//Interleukin 13//0.95:245:60//Hs.845:U31120
 40 F-THYRO1000558//EST//1.3e-24:351:64//Hs.142326:AA351877
 F-THYRO1000569//Homo sapiens mRNA for dihydropyrimidinase related protein 4, complete cds//0.28:229:61//
 Hs.100058:AB006713
 F-THYRO1000570//EST//0.80:171:61//Hs.112790:AA609949
 F-THYRO1000585//Homo sapiens protein associated with Myc mRNA, complete cds//2.4e-168:808:97//Hs.
 45 151411:AF075587
 F-THYRO1000596//EST//9.5e-94:461:96//Hs.135397:AI056322
 F-THYRO1000602//EST//4.9e-06:80:80//Hs.162135:AA526331
 F-THYRO1000605//Guanylate cyclase 1, soluble, alpha 2//0.44:182:62//Hs.2685:Z50053
 F-THYRO1000625//Thromboxane A2 receptor//4.5e-45:323:82//Hs.89887:D38081
 50 F-THYRO1000637//ESTs//4.4e-24:255:75//Hs.101014:AA194941
 F-THYRO1000641//ESTs//0.00017:375:58//Hs.32703:AA054125
 F-THYRO1000658//CD4 receptor {exons 1 and 2} [human, T-lymphocyte, mRNA, 3429 nt]//1.8e-09:127:77//Hs.
 116007:S79267
 F-THYRO1000662
 55 F-THYRO1000666//ESTs//1.9e-28:149:99//Hs.105187:AI394157
 F-THYRO1000676//CD4 receptor {exons 1 and 2} [human, T-lymphocyte, mRNA, 3429 nt]//5.7e-49:281:77//Hs.
 116007:S79267
 F-THYRO1000684//ESTs, Weakly similar to band-6-protein [H.sapiens]//0.46:368:57//Hs.26557:AA480380

F-THYRO1000699//ESTs//1.6e-10:314:65//Hs.139212:AA243452
 F-THYRO1000712//ESTs//3.3e-42:211:99//Hs.69330:AI056324
 F-THYRO1000715//Human plectin (PLEC1) mRNA, complete cds//2.9e-06:631:59//Hs.79706:U53204
 F-THYRO1000734//ESTs//8.4e-08:226:64//Hs.125754:AA806085
 5 F-THYRO1000748//Homo sapiens KIAA0411 mRNA, complete cds//3.1e-35:339:74//Hs.7977:AB007871
 F-THYRO1000756//Homo sapiens protocadherin (PCDH8) mRNA, complete cds//1.0:209:62//Hs.19492:AF061573
 F-THYRO1000777//Human mRNA for KIAA0147 gene, partial cds//0.00069:636:57//Hs.158132:D63481
 F-THYRO1000783//Homo sapiens Arp2/3 protein complex subunit p41-Arc (ARC41) mRNA, complete cds//0.70:
 10 452:58//Hs.11538:AF006084
 F-THYRO1000787
 F-THYRO1000793
 F-THYRO1000796
 F-THYRO1000805//Homo sapiens mRNA from chromosome 5q21-22, clone:sF2//9.4e-36:561:68//Hs.129685:
 15 AB002446
 F-THYRO1000815//Human mRNA for KIAA0118 gene, partial cds//1.2e-45:465:75//Hs.154326:D42087
 F-THYRO1000829//ESTs//1.7e-66:361:95//Hs.7906:H16339
 F-THYRO1000843
 F-THYRO1000852//ESTs//6.2e-23:204:81//Hs.144452:AA838788
 20 F-THYRO1000855//ESTs//0.049:159:64//Hs.163532:AI424170
 F-THYRO1000865//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.0e-33:
 190:75//Hs.133526:N21103
 F-THYRO1000895//ESTs//3.8e-24:191:84//Hs.132722:AA618531
 F-THYRO1000916//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//1.8e-43:318:79//Hs.
 25 92381:AB007956
 F-THYRO1000926//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds//3.0e-179:
 839:98//Hs.78106:AF079529
 F-THYRO1000934//PYRROLINE-5-CARBOXYLATE REDUCTASE//1.1e-33:759:63//Hs.79217:M77836
 F-THYRO1000951//MUELLERIAN INHIBITING FACTOR PRECURSOR//0.055:662:56//Hs.112432:AC005263
 30 F-THYRO1000952//Human mRNA for KIAA0208 gene, complete cds//0.98:177:65//Hs.83558:D86963
 F-THYRO1000974//Homo sapiens putative ATP-dependent mitochondrial RNA helicase (SUV3) mRNA, nuclear
 gene encoding mitochondrial protein, complete cds//2.7e-15:123:90//Hs.106469:AF042169
 F-THYRO1000975//EST//0.45:172:62//Hs.105449:AA513907
 F-THYRO1000983
 35 F-THYRO1000984//EST//0.0075:119:65//Hs.150347:AA984646
 F-THYRO1000988//ESTs//0.056:99:71//Hs.153409:AI224307
 F-THYRO1001003
 F-THYRO1001031//Thiopurine S-methyltransferase//3.8e-44:568:71//Hs.51124:AF019369
 F-THYRO1001033//H.sapiens mRNA for cylicin II//0.0061:287:60//Hs.3232:Z46788
 40 F-THYRO1001062//ISLET AMYLOID POLYPEPTIDE PRECURSOR//3.2e-45:394:79//Hs.51048:X68830
 F-THYRO1001093//Human mRNA for KIAA0355 gene, complete cds//3.4e-33:421:72//Hs.153014:AB002353
 F-THYRO1001100//Human DNA-binding protein mRNA, 3'end//2.1e-74:741:74//Hs.159249:Z99130
 F-THYRO1001120//Homo sapiens deltex (Dx) mRNA, complete cds//4.5e-18:447:62//Hs.124024:AF053700
 F-THYRO1001121//ESTs//0.92:257:61//Hs.118246:N95416
 45 F-THYRO1001133//EST//1.1e-38:367:75//Hs.144175:H70425
 F-THYRO1001134//ESTs//1.4e-28:186:91//Hs.109468:W52074
 F-THYRO1001142//ESTs//1.8e-44:332:82//Hs.146811:AA410788
 F-THYRO1001173
 F-THYRO1001177//ESTs//7.7e-40:240:84//Hs.155384:Z78385
 50 F-THYRO1001189//ESTs//2.1e-36:323:76//Hs.120206:AI089163
 F-THYRO1001204
 F-THYRO1001213//Small inducible cytokine A5 (RANTES)//3.1e-43:256:81//Hs.155464:AF088219
 F-THYRO1001262//ESTs//7.9e-44:279:87//Hs.138856:H47461
 F-THYRO1001271//Homo sapiens mRNA for synaptogyrin 3//0.0045:273:60//Hs.6467:AJ002309
 55 F-THYRO1001287//Homo sapiens alpha 1,2-mannosidase IB mRNA, complete cds//0.014:178:66//Hs.125315:
 AF027156
 F-THYRO1001290//ESTs//3.9e-43:145:99//Hs.147797:AA069836
 F-THYRO1001313//ESTs//1.0:244:61//Hs.127488:AA528182

F-THYRO1001320//ESTs//0.062:126:67//Hs.133296:AI311872
 F-THYRO1001321//Homo sapiens DEC-205 mRNA, complete cds//2.5e-35:560:68//Hs.153563:AF011333
 F-THYRO1001322//ESTs//0.12:238:61//Hs.29169:N66545
 F-THYRO1001347//ESTs//7.5e-61:293:99//Hs.129962:AA927207
 5 F-THYRO1001363//ESTs//1.0e-16:178:78//Hs.163954:N57939
 F-THYRO1001365//Homo sapiens KIAA0417 mRNA, complete cds//3.6e-18:187:79//Hs.12385:AB007877
 F-THYRO1001374//Homo sapiens mRNA for KIAA0707 protein, partial cds//7.4e-157:740:97//Hs.138488:AB014607
 F-THYRO1001401//EST//4.6e-14:171:76//Hs.157587:AI356993
 10 F-THYRO1001403//ESTs//2.2e-50:464:79//Hs.118046:N49946
 F-THYRO1001405//ESTs//1.7e-44:226:98//Hs.156667:AI347694
 F-THYRO1001406//Hydroxysteroid (17-beta) dehydrogenase 3//2.8e-20:459:62//Hs.477:U05659
 F-THYRO1001411//ESTs//1.9e-41:342:78//Hs.146811:AA410788
 F-THYRO1001426//Human ring zinc-finger protein (ZNF127-Xp) gene and 5' flanking sequence//4.6e-33:153:81//
 15 Hs.102877:U41315
 F-THYRO1001434//ESTs//1.1e-07:274:60//Hs.151093:AI224099
 F-THYRO1001458//Myosin, heavy polypeptide 9, non-muscle//6.2e-60:653:71//Hs.44782:Z82215
 F-THYRO1001480//ISLET AMYLOID POLYPEPTIDE PRECURSOR//1.3e-42:370:78//Hs.51048:X68830
 F-THYRO1001487//EST//1.0:88:71//Hs.160760:AI311943
 20 F-THYRO1001534//ESTs//1.2e-94:457:98//Hs.125523:AA883904
 F-THYRO1001537//ESTs//3.5e-94:469:97//Hs.106448:R76663
 F-THYRO1001541//EST//1.4e-10:158:65//Hs.145159:AI150211
 F-THYRO1001559//ESTs//1.4e-07:91:81//Hs.43507:N24046
 F-THYRO1001570//ESTs//2.3e-41:280:80//Hs.119752:AA703335
 25 F-THYRO1001573//Homo sapiens clone 24778 unknown mRNA//2.7e-105:546:95//Hs.25306:AF070572
 F-THYRO1001584//Human RGP3 mRNA, complete cds//0.14:335:58//Hs.82294:U27655
 F-THYRO1001595//Human RSU-1/RSP-1 mRNA, complete cds//3.6e-35:165:84//Hs.75551:L12535
 F-THYRO1001602//ESTs//3.1e-42:350:80//Hs.138384:R72849
 F-THYRO1001605//EST//0.11:426:57//Hs.151206:AI126071
 30 F-THYRO1001617//ESTs//5.2e-43:345:81//Hs.8710:W07046
 F-THYRO1001637//ESTs, Weakly similar to anion exchanger [H.sapiens]//5.2e-13:108:86//Hs.141045:AA191659
 F-THYRO1001656//Solute carrier family 2 (facilitated glucose transporter), member 4//0.099:540:55//Hs.95958:M91463
 F-THYRO1001661//ESTs//0.12:53:92//Hs.151586:W45568
 35 F-THYRO1001671//Homo sapiens mRNA for 2'-5' oligoadenylate synthetase 59 kDa isoform//8.0e-166:780:98//Hs.118633:AJ225089
 F-THYRO1001673//Von Hippel-Lindau syndrome//4.6e-25:212:73//Hs.78160:AF010238
 F-THYRO1001703//Homo sapiens clone 24767 mRNA sequence//0.27:421:57//Hs.122908:AF070552
 F-THYRO1001706//ESTs//1.8e-24:142:95//Hs.112536:AI147691
 40 F-THYRO1001721//ESTs, Highly similar to RING CANAL PROTEIN [Drosophila melanogaster]//2.5e-51:296:92//Hs.3826:U69560
 F-THYRO100173 8//EST//6.9e-30:180:94//Hs.58641:W81229
 F-THYRO1001745//ESTs//6.1e-49:244:98//Hs.97534:AA398813
 F-THYRO1001746//EST//0.96:119:63//Hs.144107:AI053590
 45 F-THYRO1001772//ESTS, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//2.2e-21:182:81//Hs.118053:N75725
 F-THYRO1001793//ESTs//1.9e-93:439:99//Hs.150116:AI299324
 F-THYRO1001809//Human mRNA for KIAA0297 gene, partial cds//0.47:168:67//Hs.11711:AB002295
 F-THYRO1001828
 50 F-THYRO1001854//EST//0.038:128:67//Hs.160649:AI241823
 F-THYRO1001895//Intercellular adhesion molecule 1 (CD54), human rhinovirus receptor//9.6e-13:288:65//Hs.51061:M24283
 F-THYRO1001907//EST//1.9e-12:126:80//Hs.139296:AA350198
 F-VESEN1000122
 55 F-Y79AA1000013//ESTs//1.7e-72:369:96//Hs.97176:AA447885
 F-Y79AA1000033
 F-Y79AA1000037//Murine leukemia viral (bmi-1) oncogene homolog//7.8e-21:230:66//Hs.431:L13689
 F-Y79AA1000059//Homo sapiens immunophilin homolog ARA9 mRNA, complete cds//7.3e-40:629:64//Hs.75305:

U78521
 F-Y79AA1000065//CD81 ANTIGEN//0.0050:241:60//Hs.54457:M33680
 F-Y79AA1000131//Guanylate cyclase 1, soluble, alpha 2//0.078:477:58//Hs.2685:Z50053
 F-Y79AA1000181//Fatty acid synthase {3' region} [human, breast and HepG2 cells, mRNA Partial, 2237 nt//
 5 0.0022:684:58//Hs.83190:U29344
 F-Y79AA1000202//ESTs//2.5e-17:143:86//Hs.76925:AA211860
 F-Y79AA1000214//Homo sapiens histone H2A.F/Z variant (H2AV) mRNA, complete cds//3.9e-73:345:100//Hs.
 9242:AF081192
 F-Y79AA1000230//Polymeric immunoglobulin receptor//0.98:335:59//Hs.842:X73079
 10 F-Y79AA1000231//ESTs//0.11:209:66//Hs.132184:AI278623
 F-Y79AA1000258//Homo sapiens metase (MET-1) mRNA, complete cds//0.30:444:61//Hs.99941:L23134
 F-Y79AA1000268//Human mRNA for KIAA0367 gene, partial cds//9.1e-11:300:64//Hs.23311:AB002365
 F-Y79AA1000313//Human mRNA for KIAA0129 gene, complete cds//0.89:744:56//Hs.44361:D50919
 F-Y79AA1000328
 15 F-Y79AA1000342//Homo sapiens OPA-containing protein mRNA, complete cds//8.4e-15:223:75//Hs.85313:
 AF071309
 F-Y79AA1000346
 F-Y79AA1000349//ALPHA-2C-1 ADRENERGIC RECEPTOR//8.3e-06:180:73//Hs.123022:J03853
 F-Y79AA1000355
 20 F-Y79AA1000368//ESTs//0.0062:235:64//Hs.114777:AA782908
 F-Y79AA1000405//ESTs//0.76:244:62//Hs.153027:AA648897
 F-Y79AA1000410//Small inducible cytokine A5 (RANTES)//8.1e-31:229:83//Hs.155464:AF088219
 F-Y79AA1000420//ESTs//1.1e-53:271:87//Hs.13056:AA181018
 F-Y79AA1000469//Homo sapiens I-1 receptor candidate protein mRNA, complete cds//0.0047:315:66//Hs.26285:
 25 AF082516
 F-Y79AA1000480
 F-Y79AA1000538//ESTs//5.7e-09:110:77//Hs.98790:AA284871
 F-Y79AA1000539//ESTs//2.6e-52:412:77//Hs.81648:W26521
 F-Y79AA1000540//Homo sapiens chromosome 7q22 sequence//0.70:133:69//Hs.151555:AF053356
 30 F-Y79AA1000560//Homo sapiens gamma2-adaptin (G2AD) mRNA, complete cds//1.2e-07:371:63//Hs.8991:
 AF068706
 F-Y79AA1000574//Human mRNA for GC box bindig protein, complete cds//0.95:258:62//Hs.150557:D31716
 F-Y79AA1000589//Homo sapiens clone 614 unknown mRNA, complete sequence//2.8e-154:755:97//Hs.21811:
 AF091080
 35 F-Y79AA10006277//Homo sapiens zinc finger protein (ZF5128) mRNA, complete cds//1.7e-136:644:98//Hs.60580:
 AF060503
 F-Y79AA1000705//Homo sapiens CHD1 mRNA, complete cds//0.0023:523:59//Hs.22670:AF006513
 F-Y79AA1000734//Homo sapiens peroxisomal biogenesis factor (PEX11b) mRNA, complete cds//1.6e-181:850:
 98//Hs.83023:AF093670
 40 F-Y79AA1000748//ESTs//4.2e-12:95:90//Hs.33687:R85969
 F-Y79AA1000752//ESTs//8.1e-114:551:97//Hs.153471:AI198377
 F-Y79AA1000774//ESTs//2.9e-59:296:98//Hs.150536:W20067
 F-Y79AA1000782//EST//0.97:78:69//Hs.147351:AI208468
 F-Y79AA1000784//Homo sapiens RanBP7/importin 7 mRNA, complete cds//1.1e-178:847:97//Hs.5151:
 45 AF098799
 F-Y79AA1000794//G-rich RNA sequence binding factor 1//0.83:228:61//Hs.79295:U07231
 F-Y79AA1000800//Homo sapiens GABA-B receptor mRNA, complete cds//0.12:244:60//Hs.12307:AF056085
 F-Y79AA1000802//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//0.87:466:59//Hs.122967:
 AF059569
 50 F-Y79AA1000805
 F-Y79AA1000824//Titin//1.0:437:58//Hs.83049:X90568
 F-Y79AA1000827//Fatty acid synthase {3' region} [human, breast and HepG2 cells, mRNA Partial, 2237 nt//
 0.0048:630:57//Hs.83190:U29344
 F-Y79AA1000833//TUBULIN ALPHA-4 CHAIN//6.9e-107:603:90//Hs.75318:X06956
 55 F-Y79AA1000850//ESTs, Weakly similar to T22C1.7 [C.elegans]//6.0e-77:368:99//Hs.86660:AA398644
 F-Y79AA1000962//Homo sapiens orphan nuclear hormone receptor BD73 mRNA, 3' end//0.14:499:58//Hs.37288:
 D16815
 F-Y79AA1000966//ESTs//0.80:52:86//Hs.6671:AI341699

- F-Y79AA1000968//ESTs, Moderately similar to initiation factor eIF-2B gamma subunit [R.norvegicus]//6.9e-69:310:94//Hs.76822:AI359536
- F-Y79AA1000969//LYMPHOTOXIN-BETA RECEPTOR PRECURSOR//1.0:150:64//Hs.1116:L04270
- F-Y79AA1000976//Arachidonate 15-lipoxygenase//0.87:174:66//Hs.73809:M23892
- 5 F-Y79AA1000985//Human plectin (PLEC1) mRNA, complete cds//0.091:385:58//Hs.79706:U53204
- F-Y79AA1001023
- F-Y79AA1001041//Human mutY homolog (hMYH) gene, complete cds//0.99:37:100//Hs.78489:U63329
- F-Y79AA1001048//Acyl-Coenzyme A dehydrogenase, very long chain//8.7e-30:772:60//Hs.82208:L46590
- F-Y79AA1001061//ESTs//6.3e-41:303:84//Hs.55855:AA621381
- 10 F-Y79AA1001068//EST//3.0e-23:165:90//Hs.157607:AI357511
- F-Y79AA1001077//ESTs//4.9e-40:237:94//Hs.11197:AA309047
- F-Y79AA1001078
- F-Y79AA1001105//Homo sapiens homeodomain protein (OG12) mRNA, complete cds//6.5e-11:247:66//Hs.55967:AF022654
- 15 F-Y79AA1001145//ESTs//1.3e-20:234:75//Hs.55855:AA621381
- F-Y79AA1001167//Homo sapiens mRNA for KIAA0750 protein, complete cds//1.0:155:63//Hs.5444:AB018293
- F-Y79AA1001177//Human hSIAH2 mRNA, complete cds//6.5e-09:299:65//Hs.20191:U76248
- F-Y79AA1001185//ESTs//1.7e-56:318:93//Hs.102991:AA639646
- F-Y79AA1001211//ESTs//9.1e-108:503:99//Hs.100605:AA305965
- 20 F-Y79AA1001216//Peroxisome receptor 1//0.00028:458:57//Hs.158084:Z48054
- F-Y79AA1001228//Fragile X mental retardation 2//0.040:207:64//Hs.54472:U48436
- F-Y79AA1001233//ESTRADIOL 17 BETA-DEHYDROGENASE 1//6.5e-25:731:60//Hs.85279:U34879
- F-Y79AA1001236//Homo sapiens mRNA for JM23 protein, complete coding sequence (clone IMAGE 34581 and IMAGE 45355 and LLNLc1101133Q7 (RZPD Berlin))//4.0e-135:441:97//Hs.23170:AJ005892
- 25 F-Y79AA1001281//ESTs//2.7e-21:157:88//Hs.163825:AI393240
- F-Y79AA1001299//Human Ini1 mRNA, complete cds//2.2e-116:323:93//Hs.155626:U04847
- F-Y79AA1001312//ESTs//3.7e-95:448:99//Hs.104469:W38395
- F-Y79AA1001323//ESTs//8.9e-50:340:86//Hs.144198:AI017555
- F-Y79AA1001384
- 30 F-Y79AA1001391//Human Hoxb-13 mRNA, complete cds//8.6e-42:505:70//Hs.66731:U81599
- F-Y79AA1001394//ESTs, Weakly similar to F54B3.3 [C.elegans]//1.5e-90:424:96//Hs.154221:H23167
- F-Y79AA1001402//ESTs//1.0:245:62//Hs.134695:AI088489
- F-Y79AA1001493//SRY (sex determining region Y)-box 4//0.38:311:61//Hs.83484:X70683
- F-Y79AA1001511//ESTs//9.9e-105:487:99//Hs.153581:AA630465
- 35 F-Y79AA1001533//ESTs, Highly similar to RETROVIRUS-RELATED POL POLYPROTEIN [Homo sapiens]//0.95:256:63//Hs.29974:AI360447
- F-Y79AA1001541//EST//0.96:202:61//Hs.99141:AA447744
- F-Y79AA1001548//ESTs//2.6e-25:166:90//Hs.164036:AA845659
- F-Y79AA1001555//ESTs//1.6e-35:191:97//Hs.52885:H29851
- 40 F-Y79AA1001581//Cyclin-dependept kinase inhibitor 1C (p57, Kip2)//2.5e-05:272:64//Hs.106070:U22398
- F-Y79AA1001585//ESTs//1.1e-84:473:93//Hs.42547:AA210783
- F-Y79AA1001594//ESTs//1.7e-08:169:71//Hs.97366:AA393109
- F-Y79AA1001603//ESTs//4.6e-07:429:59//Hs.160422:AI363426
- F-Y79AA1001613//Homo sapiens mRNA for KIAA0683 protein, complete cds//0.00078:520:57//Hs.12334:AB014583
- 45 F-Y79AA1001647//ESTs, Weakly similar to ZK1058.5 [C.elegans]//9.4e-79:421:94//Hs.107039:W27244
- F-Y79AA1001665//VON WILLEBRAND FACTOR PRECURSOR//1.0:386:60//Hs.110802:X04385
- F-Y79AA1001679//Guanine nucleotide binding protein (G protein), beta polypeptide 1//0.88:243:61//Hs.3620:X04526
- 50 F-Y79AA1001692//Insulin-like growth factor binding protein 2//1.9e-06:426:59//Hs.162:X16302
- F-Y79AA1001696//ESTs//2.3e-44:249:94//Hs.163665:AA250877
- F-Y79AA1001705//Homo sapiens interleukin-1 receptor-associated kinase (IRAK) mRNA, complete cds//0.19:609:58//Hs.77297:L76191
- F-Y79AA1001711//ESTs//5.2e-29:224:83//Hs.100461:AI018620
- 55 F-Y79AA1001781//Homo sapiens KIAA0443 mRNA, complete cds//0.49:183:66//Hs.113082:AB007903
- F-Y79AA1001805//ESTs//1.1e-62:315:98//Hs.16141:W56079
- F-Y79AA1001827//ESTs, Weakly similar to Similar to S.cerevisiae YD9335.03c protein [H.sapiens]//2.9e-62:313:98//Hs.15709:W81213

EP 1 074 617 A2

F-Y79AA1001846//ESTs//9.4e-16:146:82//Hs.140588:H60533
 F-Y79AA1001848//ESTs, Weakly similar to KIAA0390 [H.sapiens]//1.6e-19:142:90//Hs.103349:AI141124
 F-Y79AA1001866//Homo sapiens mRNA for zinc finger protein 10//5.1e-09:215:67//Hs.104115:X52332
 F-Y79AA1001874//Homo sapiens Jagged 2 mRNA, complete cds//5.4e-06:412:62//Hs.106387:AF029778
 5 F-Y79AA1001875//ESTs//6.8e-09:198:67//Hs.138036:AI343173
 F-Y79AA1001923//Homo sapiens growth-arrest-specific protein (gas) mRNA, complete cds//0.98:430:58//Hs.78501:L13720
 F-Y79AA1001963//ESTs//8.1e-131:642:97//Hs.54971:AI424382
 F-Y79AA1002027//ESTs//0.00042:58:91//Hs.5375:AA620611
 10 F-Y79AA1002083//ESTs//2.5e-51:285:95//Hs.117205:W88943
 F-Y79AA1002089//ESTs, Weakly similar to putative p150 [H.sapiens]//8.3e-53:348:88//Hs.18122:AI338045
 F-Y79AA1002093
 F-Y79AA1002103//ESTs//1.5e-15:223:71//Hs.97427:AA411865
 F-Y79AA1002115
 15 F-Y79AA1002125//ESTs//6.5e-41:206:99//Hs.159257:N40395
 F-Y79AA1002139//ESTs, Weakly similar to B0035.14 [C.elegans]//1.2e-24:165:90//Hs.6473:AA853955
 F-Y79AA1002204//Homo sapiens mRNA for KIAA0638 protein, partial cds//9.5e-05:393:62//Hs.77864:AB014538
 F-Y79AA1002208//ESTs//2.7e-13:211:69//Hs.112469:AA598515
 F-Y79AA1002209//ESTs, Weakly similar to TYROSYL-TRNA SYNTHETASE [Bacillus caldopenax]//2.3e-113:568:
 20 96//Hs.111637:AA305890
 F-Y79AA1002210//ESTs, Weakly similar to D2045.8 [C.elegans]//8.6e-33:338:73//Hs.26662:U55984
 F-Y79AA1002211//ESTs//2.6e-15:121:75//Hs.159584:AA524477
 F-Y79AA1002220//EST//0.010:360:60//Hs.136341:AA482508
 F-Y79AA1002229//Human mRNA for KIAA0086 gene, complete cds//0.0041:203:63//Hs.1560:D42045
 25 F-Y79AA1002234//Homo sapiens mRNA for KIAA0692 protein, partial cds//4.1e-176:821:98//Hs.100729:AB014592
 F-Y79AA1002246//Human involucrin mRNA//5.6e-05:525:59//Hs.157091:M13903
 F-Y79AA1002258//Homo sapiens mRNA for KIAA0655 protein, partial cds//2.2e-160:748:98//Hs.96731:AB014555
 30 F-Y79AA1002298//ESTs//2.5e-05:115:77//Hs.87164:T84489
 F-Y79AA1002307//Homo sapiens mRNA for KIAA0634 protein, partial cds//2.1e-130:622:97//Hs.30898:AB014534
 F-Y79AA1002311//ESTs//4.9e-19:126:94//Hs.58595:AA830999
 F-Y79AA1002351//Human high conductance inward rectifier potassium channel alpha subunit mRNA, complete
 35 cds//0.028:587:58//Hs.2363:L36069
 F-Y79AA1002361//ESTs//8.7e-29:149:100//Hs.156074:AA824377
 F-Y79AA1002399
 F-Y79AA1002407//ESTs//1.5e-25:183:89//Hs.110031:T52569
 F-Y79AA1002416//CTP synthetase//9.1e-51:489:72//Hs.84112:X52142
 40 F-Y79AA1002431
 F-Y79AA1002433//EST//0.0037:94:71//Hs.136780:AA772318
 F-Y79AA1002472//Homo sapiens DNA from chromosome 19, BAC 33152//1.1e-37:263:69//Hs.55452:AC003973
 F-Y79AA1002482//ESTs//1.4e-49:313:80//Hs.132590:AI160765
 F-Y79AA1002487//Insulin-like growth factor binding protein 2//0.43:249:61//Hs.162:X16302
 45

Homology Search Result Data 5.

[0310] The result of the homology search of the Human Unigene using the clone sequence of 3'-end.

[0311] Data include

50

the name of clone,
 title of the top hit data,
 the P-value: the length of the compared sequence: identity (%), and
 the Accession No. of the top hit data, as in the order separated by //.

55

[0312] Blank indicates that the 3'-end sequence corresponding to the 5'-end was not determined in the clone.

[0313] Data are not shown for the clones in which the P-value was higher than 1.

- R-HEMBA1000005//ESTs, Highly similar to HYPOTHETICAL 31.6 KD PROTEIN F54F2.9 IN CHROMOSOME III [Caenorhabditis elegans]//5.6e-93:501:93//Hs.13015:AA628434
- R-HEMBA1000030//Human POU domain protein (Brn-3b) mRNA, complete cds//0.83:314:61//Hs.266:U06233
- R-HEMBA1000042//Archain//1.4e-45:282:89//Hs.33642:X81198
- 5 R-HEMBA1000046//Human mRNA for KIAA0118 gene, partial cds//8.3e-52:528:72//Hs.154326:D42087
- R-HEMBA1000050//EST//0.043:155:63//Hs.149031:AI243340
- R-HEMBA1000076//ESTs//3.1e-77:394:97//Hs.111742:R39329
- R-HEMBA1000111//ESTs//1.7e-33:228:85//Hs.146811:AA410788
- 10 R-HEMBA1000129//ESTs, Weakly similar to contains similarity to helicases [C.elegans]//4.4e-90:502:90//Hs.55918:AA151667
- R-HEMBA1000141//Homo sapiens mRNA for KIAA0797 protein, partial cds//2.1e-100:514:94//Hs.27197:AB018340
- R-HEMBA1000150//Homo sapiens mRNA for KIAA0640 protein, partial cds//3.1e-45:435:77//Hs.153026:AB014540
- 15 R-HEMBA1000158//ESTs, Moderately similar to The KIAA0138 gene product is novel. [H.sapiens]//7.7e-92:428:100//Hs.126925:AA931237
- R-HEMBA1000158
- R-HEMBA1000180//ESTs, Weakly similar to F13B12.1 [C.elegans]//1.3e-05:58:91//Hs.5570:AI377863
- R-HEMBA1000180//ESTs//7.7e-90:461:95//Hs.159200:N50545
- 20 R-HEMBA1000185//ESTs//1.3e-72:371:96//Hs.134506:AA308366
- R-HEMBA1000193//ESTs//4.2e-103:481:99//Hs.143251:AA769927
- R-HEMBA1000201//Human Ini1 mRNA, complete cds//3.0e-25:137:99//Hs.155626:U04847
- R-HEMBA1000213//ESTs//5.4e-85:465:94//Hs.23412:AA133311
- R-HEMBA1000216//ESTs//3.0e-37:311:79//Hs.137875:AA993532
- 25 R-HEMBA1000231//Homo sapiens KIAA0414 mRNA, partial cds//2.7e-34:287:70//Hs.127649:AB007874
- R-HEMBA1000243//Homo sapiens mRNA for KIAA0475 protein, complete cds//1.3e-23:276:75//Hs.5737:AB007944
- R-HEMBA1000244//ESTs//2.3e-88:455:96//Hs.8929:AA719019
- 30 R-HEMBA1000251//ESTs//0.96:411:56//Hs.120277:AI243808
- R-HEMBA1000264//ESTs//3.7e-97:487:96//Hs.29258:W37424
- R-HEMBA1000282//ESTs, Moderately similar to ovarian-specific protein [R.norvegicus]//4.9e-14:208:73//Hs.93332:AA811920
- R-HEMBA1000282//ESTs//2.5e-38:216:94//Hs.120757:R92485
- 35 R-HEMBA1000288//ESTs//2.6e-43:289:86//Hs.151365:AA643962
- R-HEMBA1000290//ESTs//5.1e-110:543:96//Hs.139068:AA516409
- R-HEMBA1000302//Homo sapiens mRNA for KIAA0527 protein, partial cds//1.0:122:67//Hs.129748:AB011099
- R-HEMBA1000302//ESTs//7.4e-76:386:97//Hs.22276:AA191323
- 40 R-HEMBA1000307//ESTs, Highly similar to 8A-2V protein [M.musculus]//1.1e-103:489:99//Hs.108881:AI018024
- R-HEMBA1000307//ESTs//9.3e-99:472:98//Hs.163512:AA903238
- R-HEMBA1000338//EST//5.1e-49:278:92//Hs.150815:AI302560
- R-HEMBA1000351//Human high-affinity copper uptake protein (hCTR1) mRNA, complete cds//1.1e-42:270:88//Hs.73614:U83460
- 45 R-HEMBA1000355//ESTs//1.0e-105:531:96//Hs.61762:AI422243
- R-HEMBA1000357//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//9.4e-89:432:87//Hs.139107:K00629
- R-HEMBA1000366//ESTs//1.1e-99:524:95//Hs.11785:T65857
- 50 R-HEMBA1000369//ESTs//6.5e-70:355:96//Hs.124847:AA843938
- R-HEMBA1000376//Human mRNA for KIAA0205 gene, complete cds//3.6e-44:388:77//Hs.3610:D86960
- R-HEMBA1000387//Human high-affinity copper uptake protein (hCTR1) mRNA, complete cds//5.5e-47:337:83//Hs.73614:U83460
- R-HEMBA1000390//Oxytocin receptor//2.4e-16:428:62//Hs.2820:X64878
- 55 R-HEMBA1000392//ESTs//3.9e-105:531:96//Hs.130661:AI340248
- R-HEMBA1000396//ESTs, Weakly similar to line-1 protein ORF2 [H.sapiens]//1.1e-44:447:75//Hs.42849:N31920
- R-HEMBA1000411//ESTs, Weakly similar to ankyrin 3, long form [H.sapiens]//6.1e-92:373:99//Hs.48675:AI005282

EP 1 074 617 A2

R-HEMBA1000418//ESTs//3.1e-66:315:100//Hs.94133:AI270700
 R-HEMBA1000422//ESTs//1.6e-99:464:99//Hs.33024:AA002140
 R-HEMBA1000428//Homo sapiens mRNA for oligophrenin 1//4.9e-85:535:87//Hs.158122:AJ001189
 R-HEMBA1000434//ESTs//3.7e-53:266:99//Hs.22782:Z38143
 5 R-HEMBA1000442//ESTs//0.93:322:57//Hs.144763:AI218014
 R-HEMBA1000456//ESTs//4.1e-48:277:93//Hs.6937:AA524349
 R-HEMBA1000459//ESTs//0.010:184:63//Hs.128797:AI246316
 R-HEMBA1000460
 R-HEMBA1000464//EST//0.082:87:70//Hs.147977:AI262370
 10 R-HEMBA1000469//Small inducible cytokine A5 (RANTES)//1.4e-65:494:81//Hs.155464:AF088219
 R-HEMBA1000488//ESTs, Weakly similar to The KIAA0132 gene product is related to Drosophila melanogaster ring canel protein. [H.sapiens]//1.1e-31:181:94//Hs.61454:AA312449
 R-HEMBA1000490//ESTs//6.4e-17:132:86//Hs.32855:N25528
 R-HEMBA1000491//ESTs//2.2e-22:171:85//Hs.8035:AA195087
 15 R-HEMBA1000504//ESTs//0.016:282:58//Hs.130778:AI077571
 R-HEMBA1000505//EST//6.1e-15:116:87//Hs.162783:AA627318
 R-HEMBA1000508//ESTs//1.1e-28:244:81//Hs.132722:AA618531
 R-HEMBA1000518//EST//0.60:141:60//Hs.97831:AA400885
 R-HEMBA1000519//ESTs//2.8e-64:334:96//Hs.97885:AA402414
 20 R-HEMBA1000520//ESTs//6.9e-104:503:97//Hs.18370:AA947280
 R-HEMBA1000523//Cleavage stimulation factor, 3' pre-RNA, subunit 3, 77kD//4.0e-55:203:92//Hs.155510:U15782
 R-HEMBA1000531//ESTs, Weakly similar to HEAT SHOCK 70 KD PROTEIN 1 [H.sapiens]//1.3e-117:550:99//Hs.99722:AI422277
 25 R-HEMBA1000540//ESTs//4.7e-72:350:98//Hs.109755:AA180809
 R-HEMBA1000545//Homo sapiens clone 23892 mRNA sequence//3.7e-68:549:80//Hs.91916:AF035317
 R-nnnnnnnnnnnnn//ESTs//2.3e-66:342:97//Hs.71916:AA219699
 R-HEMBA1000557//EST//1.5e-49:297:90//Hs.149580:AI281881
 R-HEMBA1000561//ESTs, Moderately similar to zinc finger protein [R.norvegicus]//1.8e-108:550:96//Hs.26799:
 30 W74481
 R-HEMBA1000563//Adenosine kinase//0.16:367:58//Hs.94382:U50196
 R-HEMBA1000568//ESTs//5.1e-42:321:82//Hs.141024:H07128
 R-nnnnnnnnnnnnn
 R-HEMBA1000575//ESTs//3.8e-45:352:80//Hs.146811:AA410788
 35 R-HEMBA1000588//ESTs//0.18:122:67//Hs.140507:AA761944
 R-HEMBA1000591//Homo sapiens mRNA for EIB-55kDa-associated protein//3.9e-113:591:94//Hs.155218:AJ007509
 R-HEMBA1000592//TYROSINE-PROTEIN KINASE
 ITK/TSK//0.024:309:61//Hs.89519:L10717
 40 R-HEMBA1000594//ESTs//8.6e-07:172:68//Hs.160289:AI168041
 R-HEMBA1000604//Human telomerase-associated protein TP-1 mRNA, complete cds//1.5e-19:129:93//Hs.158334:U86136
 R-HEMBA1000608//ESTs//2.2e-95:506:94//Hs.6103:AA496424
 R-HEMBA1000622//ESTs//3.8e-10:440:61//Hs.137538:AA769438
 45 R-HEMBA1000636//ESTs, Weakly similar to 50S RIBOSOMAL PROTEIN L20 [E.coli]//1.4e-86:422:97//Hs.26252:AA643235
 R-HEMBA1000637//Homo sapiens mRNA for KIAA0690 protein, partial cds//3.7e-99:443:97//Hs.60103:AB014590
 R-HEMBA1000655//Human mRNA for KIAA0392 gene, partial cds//1.3e-50:426:79//Hs.40100:AB002390
 50 R-HEMBA1000657//ESTs//3.0e-74:419:93//Hs.109477:AA477929
 R-HEMBA1000662//EST//1.1e-90:425:99//Hs.122144:AA780136
 R-HEMBA1000673//ESTs//1.2e-101:473:99//Hs.138215:AI123922
 R-HEMBA1000682//ESTs, Weakly similar to putative pi 50 [H.sapiens]//3.5e-114:553:97//Hs.111730:AA604403
 R-HEMBA1000686//ESTs, Weakly similar to C27F2.7 gene product [C.elegans]//6.8e-18:137:86//Hs.7049:
 55 AI141736
 R-HEMBA1000702//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//7.4e-52:345:84//Hs.144563:AF057280
 R-HEMBA1000705//EST//0.21:139:63//Hs.132687:AI033672

R-HEMBA1000719//ESTs//8.4e-90:484:94//Hs.29005:AA477213
 R-HEMBA1000722//ESTs, Weakly similar to similar to enoyl-CoA hydratases/isomerases [C.elegans]//7.2e-113:572:95//Hs.28644:AI018612
 R-HEMBA1000726//ERYTHROCYTE BAND 7 INTEGRAL MEMBRANE PROTEIN//2.8e-40:449:75//Hs.74478:U33931
 5 R-HEMBA1000727//ESTs//0.0047:267:60//Hs.133095:AA927777
 R-HEMBA1000747//EST//3.9e-20:160:85//Hs.99048:AA446110
 R-HEMBA1000749//Small inducible cytokine A5 (RANTES)//4.7e-37:286:82//Hs.155464:AF088219
 R-HEMBA1000752//EST//0.041:39:94//Hs.127772:AA961131
 10 R-HEMBA1000769//Homo sapiens mRNA for chemokine LEC precursor, complete cds//1.6e-32:309:75//Hs.10458:AF088219
 R-HEMBA1000773//EST//7.5e-05:201:63//Hs.122887:AA767612
 R-HEMBA1000774//Kangai 1 (suppression of tumorigenicity 6, prostate; CD82 antigen (R2 leukocyte antigen, antigen detected by monoclonal and antibody IA4))//1.3e-48:284:90//Hs.103458:X53795
 15 R-HEMBA1000791//Human mRNA for KIAA0118 gene, partial cds//1.2e-45:291:87//Hs.154326:D42087
 R-HEMBA1000817//ESTs//8.3e-95:445:99//Hs.107357:AA983939
 R-HEMBA1000822//ESTs//1.1e-107:522:97//Hs.92832:AA631027
 R-HEMBA1000827//Homo sapiens Ser/Arg-related nuclear matrix protein (SRM160) mRNA, complete cds//2.2e-44:228:98//Hs.18192:AF048977
 20 R-HEMBA1000843//Homo sapiens LIM protein mRNA, complete cds//6.6e-46:410:77//Hs.154103:AF061258
 R-HEMBA1000851
 R-HEMBA1000852//Aldehyde dehydrogenase 10 (fatty aldehyde dehydrogenase)//3.7e-33:284:80//Hs.159608:U46689
 R-HEMBA1000867//EST//2.0e-17:211:74//Hs.145670:AI265794
 25 R-HEMBA1000869//ESTs//3.1e-16:237:71//Hs.116518:AA653202
 R-HEMBA1000870//ESTs//1.6e-43:222:98//Hs.69564:AA203608
 R-HEMBA1000872//ESTs//1.9e-93:453:98//Hs.152622:AA594951
 R-HEMBA1000876//Small inducible cytokine A5 (RANTES)//3.0e-41:329:79//Hs.155464:AF088219
 R-HEMBA1000908//ESTs//1.6e-51:291:92//Hs.12247:AI203154
 30 R-HEMBA1000910//EST//0.98:139:64//Hs.132687:AI033672
 R-HEMBA1000918//EST//9.6e-30:152:84//Hs.162136:AA526508
 R-HEMBA1000919
 R-HEMBA1000934//ESTs//4.1e-38:254:89//Hs.87784:AA460597
 R-HEMBA1000942//ESTs//3.5e-20:172:69//Hs.160065:AI018619
 35 R-HEMBA1000943//Homo sapiens mRNA for KIAA0748 protein, complete cds//1.3e-44:281:78//Hs.33187:AB018291
 R-HEMBA1000946//ESTs//1.6e-68:352:96//Hs.21331:H93074
 R-HEMBA1000960//Homo sapiens tapasin (NGS-17) mRNA, complete cds//4.0e-61:347:81//Hs.5247:AF029750
 R-HEMBA1000968//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0508//6.8e-51:362:84//Hs.159187:AB007977
 40 R-HEMBA1000971//ESTs//2.8e-41:246:91//Hs.104287:AI363498
 R-HEMBA1000972//Homo sapiens mRNA for XPR2 protein//7.3e-44:341:81//Hs.44766:AJ007590
 R-HEMBA1000974//ESTs//1.4e-32:166:100//Hs.149274:AI018170
 R-HEMBA1000975//Oxytocin receptor//2.7e-46:563:73//Hs.2820:X64878
 45 R-HEMBA1000985//ESTs//4.4e-05:125:69//Hs.147434:AI214464
 R-HEMBA1000986//ESTs//7.8e-44:266:84//Hs.163784:N54902
 R-HEMBA1000991//EST//1.4e-42:162:86//Hs.149580:AI281881
 R-HEMBA1001007
 R-HEMBA1001008//ESTs//2.3e-82:463:92//Hs.10339:AA058764
 50 R-HEMBA1001009//ESTs, Weakly similar to non-lens beta gamma-crystallin like protein [H.sapiens]//2.6e-58:280:100//Hs.128738:AA970836
 R-HEMBA1001017//Homo sapiens mRNA for KIAA0468 protein, complete cds//3.3e-115:587:95//Hs.158287:AB007937
 R-HEMBA1001019//Cell division cycle 2, G1 to S and G2 to M//1.1e-24:140:95//Hs.58393:X05360
 55 R-HEMBA1001020//ESTs//0.52:86:72//Hs.69683:AA115292
 R-HEMBA1001022//ESTs//3.4e-18:102:100//Hs.63243:AI123912
 R-HEMBA1001024//ESTs//1.9e-07:262:61//Hs.124399:AA832336
 R-HEMBA1001026//ESTs//0.0017:142:67//Hs.144109:AI345543

EP 1 074 617 A2

R-nnnnnnnnnnnn//Ankyrin G//0.23:244:60//Hs.75893:U13616
R-HEMBA1001051//Homo sapiens mRNA for KIAA0621 protein, partial cds//6.4e-21:186:79//Hs.132942:AB014521
R-HEMBA1001052//ESTs//5.4e-107:497:99//Hs.121773:AI357886
5 R-HEMBA1001060//ESTs//1.1e-31:298:80//Hs.24821:AA044813
R-HEMBA1001071//Alpha-1 type 3 collagen//9.1e-34:179:98//Hs.119571:X14420
R-HEMBA1001077//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0492//2.7e-21:417:64//Hs.127338:AB007961
R-HEMBA1001080
10 R-HEMBA1001085//ESTs//1.9e-47:385:79//Hs.146811:AA410788
R-HEMBA1001088//ESTs//2.8e-102:548:93//Hs.127273:AA522674
R-HEMBA1001094
R-HEMBA1001099//ESTs//0.24:41:97//Hs.18612:T99245
R-HEMBA1001109//Small inducible cytokine A5 (RANTES)//2.4e-46:396:80//Hs.155464:AF088219
15 R-HEMBA1001121//ESTs//1.7e-15:216:71//Hs.141605:H92974
R-HEMBA1001122//ESTs//2.0e-90:474:94//Hs.107884:AA131320
R-HEMBA1001123//B-CELL GROWTH FACTOR PRECURSOR//2.7e-45:319:84//Hs.99879:M15530
R-HEMBA1001133//ESTs//1.2e-92:443:99//Hs.99626:AA632341
R-HEMBA1001137//ESTs//2.0e-86:426:97//Hs.157103:W60265
20 R-HEMBA1001140//Small inducible cytokine A5 (RANTES)//2.9e-45:323:83//Hs.155464:AF088219
R-HEMBA1001172//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.1e-39:309:82//Hs.96337:AA225358
R-HEMBA1001174//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0492//0.21:238:60//Hs.127338:AB007961
25 R-HEMBA1001197//ESTs//0.010:388:61//Hs.14881:R91896
R-HEMBA1001208//ESTs, Highly similar to Similar to S.cerevisiae hypothetical protein 5 [H.sapiens]//0.27:305:62//Hs.100238:U69194
R-HEMBA1001226//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.0e-54:333:81//Hs.113283:AF018080
R-HEMBA1001235//EST//2.3e-07:42:92//Hs.141620:N63316
30 R-HEMBA1001247//ESTs, Weakly similar to WWP2 [H.sapiens]//2.9e-20:160:87//Hs.103102:W55932
R-HEMBA1001257//ESTs//3.3e-112:544:97//Hs.128749:AA779728
R-HEMBA1001265//ESTs//8.7e-116:564:98//Hs.155150:AI061435
R-nnnnnnnnnnnn//ESTs, Weakly similar to Lpa8p [S.cerevisiae]//2.4e-35:239:87//Hs.103919:AA159181
R-HEMBA1001286//ESTs//1.4e-97:507:95//Hs.26244:AI352674
35 R-HEMBA1001289//ESTs//8.2e-44:122:96//Hs.76267:AA877534
R-HEMBA1001294//ESTs//1.0:140:65//Hs.149638:AI298324
R-HEMBA1001299//Small inducible cytokine A5 (RANTES)//1.1e-45:307:84//Hs.155464:AF088219
R-HEMBA1001302//Homo sapiens mRNA for APC 2 protein, complete cds//0.53:89:68//Hs.20912:AB012162
R-HEMBA1001303//EST//0.00053:271:60//Hs.156148:AI333214
40 R-HEMBA1001310//ESTs//1.4e-91:486:93//Hs.86228:AA206019
R-HEMBA1001319//ESTs//0.051:228:61//Hs.99404:AA953977
R-HEMBA1001323//ESTs//6.2e-83:401:98//Hs.47343:AI282950
R-HEMBA1001326//ESTs, Weakly similar to HYPOTHETICAL 55.1 KD PROTEIN IN FAB1-PES4 INTERGENIC REGION [S.cerevisiae]//1.3e-77:458:92//Hs.9398:N41838
45 R-HEMBA1001327//ESTs//0.60:251:58//Hs.117162:AA701259
R-HEMBA1001330//Homo sapiens PYRIN (MEFV) mRNA, complete cds//1.1e-46:249:78//Hs.113283:AF018080
R-HEMBA1001351//ESTs//0.13:230:57//Hs.138510:R94816
R-HEMBA1001361//ESTs//3.5e-107:570:94//Hs.7727:AA142837
R-HEMBA1001375//ESTs//1.1e-96:454:99//Hs.59584:AA587334
50 R-HEMBA1001377//ESTs//8.5e-91:459:95//Hs.61859:AA628550
R-HEMBA1001383//ESTs//0.077:381:58//Hs.163093:AA745458
R-HEMBA1001387//ESTs//2.0e-85:405:99//Hs.152127:AI246482
R-HEMBA1001388//ESTs//1.5e-83:395:99//Hs.105191:AA133439
R-HEMBA1001391//ESTs//7.7e-90:455:96//Hs.120905:R22204
55 R-HEMBA1001398//Thromboxane A2 receptor//4.0e-46:279:89//Hs.89887:D38081
R-HEMBA1001405//ESTs//1.2e-98:485:97//Hs.73287:W16714
R-HEMBA1001407//ESTs//2.2e-76:365:99//Hs.110128:AA584364
R-HEMBA1001411//ESTs//1.2e-102:476:100//Hs.143162:AI380343

R-HEMBA1001413//ESTs//3.7e-66:321:98//Hs.152472:AA041199
 R-HEMBA1001415
 R-HEMBA1001432//Putative mismatch repair/binding protein hMSH3//7.9e-42:183:82//Hs.42674:U61981
 R-HEMBA1001433//ESTs//1.4e-34:240:77//Hs.95611:U51704
 5 R-HEMBA1001435//ESTs//5.6e-23:292:70//Hs.116315:AA629263
 R-HEMBA1001442//ESTs//0.76:414:58//Hs.156189:AI419982
 R-HEMBA1001446//ESTs//2.2e-95:447:99//Hs.154091:AA767546
 R-HEMBA1001450//ESTs//1.0e-93:491:94//Hs.16130:AA195077
 R-HEMBA1001454//Human Line-1 repeat mRNA with 2 open reading frames//1.7e-47:304:88//Hs.23094:M19503
 10 R-HEMBA1001455//ESTs//7.1e-103:482:99//Hs.97407:AI417220
 R-HEMBA1001463
 R-HEMBA1001476//Human mRNA for KIAA0186 gene, complete cds//2.0e-25:409:66//Hs.36232:D80008
 R-HEMBA1001478
 R-HEMBA1001497
 15 R-HEMBA1001510//ESTs//3.3e-44:381:78//Hs.139882:AA864426
 R-HEMBA1001515//Human Line-1 repeat mRNA with 2 open reading frames//5.9e-79:528:84//Hs.23094:M19503
 R-HEMBA1001517//ESTs//5.8e-32:272:81//Hs.119512:AA487269
 R-HEMBA1001522//ESTs//1.7e-84:364:95//Hs.117858:AA-702493
 R-HEMBA1001526//ESTs//1.8e-93:527:93//Hs.10624:N64723
 20 R-HEMBA1001533//ESTs//1.9e-42:211:100//Hs.55830:AA580270
 R-HEMBA1001557//ESTs//4.2e-83:413:97//Hs.47546:AA181348
 R-HEMBA1001566//Small inducible cytokine A5 (RANTES)//3.4e-50:304:88//Hs.155464:AF088219
 R-HEMBA1001569//POU domain, class 3, transcription factor 4//2.3e-06:259:62//Hs.2229:X82324
 R-HEMBA1001570//Homo sapiens pendrin (PDS) mRNA, complete cds//3.5e-47:456:77//Hs.159275:AF030880
 25 R-HEMBA1001579//ESTs//0.11:299:60//Hs.106090:AA457030
 R-HEMBA1001581//ESTs//0.016:350:61//Hs.124664:AI015652
 R-HEMBA1001585//Human mRNA for KIAA0331 gene, complete cds//0.30:251:63//Hs.146395:AB002329
 R-HEMBA1001589
 R-HEMBA1001595//ESTs, Weakly similar to SEPTIN 2 [D.melanogaster]//6.9e-71:431:88//Hs.26625:W25874
 30 R-HEMBA1001608//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//1.3e-73:533:82//Hs.103948:
 K00627
 R-HEMBA1001620//ESTs, Highly similar to MYO-INOSITOL-1-PHOSPHATE SYNTHASE [Arabidopsis thaliana]
 //4.5e-93:537:90//Hs.20218:AA628530
 R-nnnnnnnnnnnn//Homo sapiens antigen NY-CO-16 mRNA, complete cds//0.054:362:60//Hs.132206:AF039694
 35 R-HEMBA1001636//ESTs//4.9e-53:267:97//Hs.47459:AA700158
 R-HEMBA1001640//ESTs//2.9e-27:299:72//Hs.65236:AA927623
 R-nnnnnnnnnnnn//ESTs, Weakly similar to Mi-2 protein [H.sapiens]//1.2e-86:442:95//Hs.63888:AA203398
 R-HEMBA1001655//ESTs//1.5e-101:516:95//Hs.86541:AA214554
 R-HEMBA1001658
 40 R-HEMBA1001661//Homo sapiens protocadherin 68 (PCH68) mRNA, complete cds//1.3e-16:427:61//Hs.106511:
 AF029343
 R-HEMBA1001672//Homo sapiens methyl-CpG binding protein MBD3 (MBD3) mRNA, complete cds//1.4e-93:493:
 92//Hs.107254:AC005943
 R-HEMBA1001675
 45 R-HEMBA1001678//Homo sapiens voltage dependent anion channel protein mRNA, complete cds//4.2e-103:534:
 94//Hs.7381:AF038962
 R-HEMBA1001681//ESTs//6.0e-49:292:92//Hs.65588:AA523424
 R-HEMBA1001702//ESTs//9.0e-98:478:97//Hs.28661:AA805916
 R-HEMBA1001709//Homo sapiens mRNA for KIAA0698 protein, complete cds//6.3e-98:483:96//Hs.31720:
 50 AB014598
 R-HEMBA1001711//ESTs//5.8e-83:398:98//Hs.34804:AA514960
 R-HEMBA1001712//ESTs//0.028:202:63//Hs.105790:AA528095
 R-HEMBA1001714//ESTs, Highly similar to ATPASE INHIBITOR, MITOCHONDRIAL PRECURSOR [Rattus nor-
 vegicus]//1.8e-46:236:98//Hs.132948:AA194452
 55 R-HEMBA1001718//Small inducible cytokine A5 (RANTES)//8.6e-43:166:88//Hs.155464:AF088219
 R-HEMBA1001723//ESTs, Highly similar to HYPOTHETICAL TRP-ASP REPEATS CONTAINING PROTEIN IN
 SIS1-MRPL2 INTERGENIC REGION [Saccharomyces cerevisiae]//7.1e-88:431:96//Hs.29203:AI344105
 R-HEMBA1001731//EST//0.25:100:68//Hs.149171:AI245712

R-HEMBA1001734//Human mRNA for KIAA0355 gene, complete cds//2.6e-39:366:77//Hs.153014:AB002353
 R-HEMBA1001744
 R-HEMBA1001745//ESTs//6.6e-05:244:62//Hs.157663:AI358623
 R-HEMBA1001746//EST//4.9e-65:409:88//Hs.124673:AA858162
 5 R-HEMBA1001761//ESTs//1.9e-44:315:84//Hs.159510:AA297145
 R-HEMBA1001781//ESTs//3.0e-98:462:99//Hs.60059:AI057306
 R-HEMBA1001784//EST//1.0e-12:250:68//Hs.152366:AA486721
 R-HEMBA1001791//EST//1.4e-47:292:89//Hs.163333:AA879053
 R-HEMBA1001800//ESTs//8.4e-37:314:79//Hs.105151:AA970243
 10 R-HEMBA1001803//ESTs//4.5e-99:465:99//Hs.135159:AI095823
 R-nnnnnnnnnnnn//Zinc finger protein 148 (pHZ-52)//0.78:232:57//Hs.112180:AF039019
 R-HEMBA1001808//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0500//9.0e-114:548:98//Hs.118164:AB007969
 R-HEMBA1001809//EST//3.8e-63:292:89//Hs.158591:AI369334
 15 R-HEMBA1001815//Calcium modulating ligand//1.1e-47:299:87//Hs.13572:AF068179
 R-HEMBA1001819//ZINC FINGER PROTEIN HF.12//1.2e-16:259:69//Hs.155470:X07290
 R-HEMBA1001820//ESTs//2.6e-86:404:100//Hs.112881:AA620707
 R-nnnnnnnnnnnn//ESTs//2.2e-101:480:99//Hs.159940:AA971578
 R-HEMBA1001824//ESTs, Weakly similar to MATRIN 3 [H.sapiens]//6.2e-27:147:97//Hs.23476:AA401210
 20 R-HEMBA1001835//EST//0.79:216:64//Hs.47437:N52250
 R-HEMBA1001844//ESTs//4.7e-62:319:95//Hs.55200:N98513
 R-HEMBA1001847//ESTs//2.3e-102:522:95//Hs.20879:AA845446
 R-HEMBA1001861//Homo sapiens mRNA for KIAA0617 protein, complete cds//1.1e-109:553:96//Hs.78946:AB014517
 25 R-HEMBA1001864//ESTs//7.4e-94:449:99//Hs.132776:AI142853
 R-HEMBA1001866//Myelin oligodendrocyte glycoprotein {alternative products}//1.9e-37:357:76//Hs.53217:Z48051
 R-nnnnnnnnnnnn//ESTs, Weakly similar to trithorax homolog HTX, version 2 [H.sapiens]//2.3e-32:193:94//Hs.9489:R84329
 30 R-HEMBA1001888//H.sapiens mRNA for urea transporter//2.0e-47:425:78//Hs.66710:X96969
 R-HEMBA1001896//ESTs//3.5e-56:274:99//Hs.129018:H03128
 R-HEMBA1001910
 R-HEMBA1001912//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.5e-73:347:100//Hs.30991:AA994438
 35 R-HEMBA1001913//ESTs, Highly similar to GCN20 PROTEIN [Saccharomyces cerevisiae]//5.1e-57:320:91//Hs.91251:U66685
 R-HEMBA1001915//ESTs//4.9e-88:459:95//Hs.122810:AI273706
 R-HEMBA1001918//ESTs//1.2e-106:505:99//Hs.98518:AI027125
 R-HEMBA1001921//Homo sapiens germinal center kinase related protein kinase mRNA, complete cds//5.5e-107:534:96//Hs.154934:AF000145
 40 R-HEMBA1001939//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//2.9e-99:482:98//Hs.96849:AA879470
 R-HEMBA1001940//Human mRNA for KIAA0392 gene, partial cds//5.6e-45:336:82//Hs.40100:AB002390
 R-HEMBA1001942//EST//2.6e-84:397:99//Hs.145444:AI203668
 45 R-HEMBA1001945//ESTs//1.4e-92:437:99//Hs.144565:AI192452
 R-HEMBA1001950//ESTs//3.9e-43:280:88//Hs.84429:N28866
 R-HEMBA1001960//ESTs//0.040:243:62//Hs.29567:AA640421
 R-HEMBA1001962//ESTs//0.0071:113:69//Hs.49792:N70048
 R-HEMBA1001964//ESTs//3.0e-38:239:87//Hs.158126:W26825
 50 R-HEMBA1001967//Human DNA sequence from clone 341E18 on chromosome 6p11.2-12.3. Contains a Serine/Threonine Protein Kinase gene (presumptive isolog of a Rat gene) and a novel alternatively spliced gene. Contains a putative CpG island, ESTs and GSSs//1.8e-106:517:97//Hs.11050:AL031178
 R-HEMBA1001979//EST//0.039:167:63//Hs.129451:AA993932
 R-HEMBA1001987//ESTs//3.1e-44:320:83//Hs.136839:H93717
 55 R-HEMBA1001991//Human mRNA for KIAA0355 gene, complete cds//9.5e-47:303:88//Hs.153014:AB002353
 R-HEMBA1002003//Homo sapiens mRNA for protein phosphatase 2C (beta)//1.6e-91:448:97//Hs.5687:AJ005801
 R-HEMBA1002008//ESTs//9.2e-47:297:87//Hs.142314:AA347930
 R-HEMBA1002018//ESTs//9.4e-21:118:97//Hs.7871:AI041837

R-HEMBA1002022//Human mRNA for KIAA0075 gene, partial cds//0.25:196:63//Hs.1189:D38550
 R-HEMBA1002035//ESTs//7.7e-101:475:99//Hs.8858:AI131538
 R-HEMBA1002039//H.sapiens mRNA for phosphoinositide 3-kinase//0.68:256:64//Hs.101238:Y11312
 R-HEMBA1002049//Homo sapiens mRNA for KIAA0563 protein, complete cds//2.4e-51:254:85//Hs.15731:
 5 AB011135
 R-HEMBA1002084//EST//0.31:219:60//Hs.162396:AA572764
 R-HEMBA1002092//EST//6.4e-72:342:99//Hs.148533:AI200996
 R-HEMBA1002100//EST//5.6e-38:258:85//Hs.103094:W52354
 R-HEMBA1002102//Thiopurine S-methyltransferase//1.4e-46:403:79//Hs.51124:AF019369
 10 R-HEMBA1002113//Prostaglandin 12 (prostacyclin) synthase //1.4e-76:280:90//Hs.61333:D83402
 R-HEMBA1002119//Homo sapiens OR7E12P pseudogene, complete sequence//1.4e-87:362:94//Hs.103443:
 AF065854
 R-HEMBA1002125//ESTs, Weakly similar to Y53C12A.3 [C.elegans]//1.7e-16:94:100//Hs.107747:AI357868
 R-HEMBA1002139//H.sapiens mRNA for nebulin//0.0019:68:88//Hs.83870:X83957
 15 R-HEMBA1002144//ESTs//3.1e-30:259:72//Hs.141575:AA211734
 R-HEMBA1002150//ESTs//7.1e-105:543:95//Hs.32275:AA595199
 R-HEMBA1002151//ESTs//2.2e-35:178:100//Hs.77703:W19642
 R-HEMBA1002153//EST//4.5e-49:458:77//Hs.141708:W44337
 R-HEMBA1002160//Homo sapiens nephrocystin (NPHP1) mRNA, partial cds//1.4e-36:400:75//Hs.75474:
 20 AF023674
 R-HEMBA1002161//Homo sapiens EVI5 homolog mRNA, complete cds//1.9e-33:294:77//Hs.26929:AF008915
 R-HEMBA1002162//ESTs//1.0e-47:317:85//Hs.48919:N64043
 R-HEMBA1002166//Thromboxane A2 receptor//6.8e-46:296:81//Hs.89887:D38081
 R-HEMBA1002177//EST//2.6e-42:215:99//Hs.116880:AA662457
 25 R-HEMBA1002185//Homo sapiens class-I MHC-restricted T cell associated molecule (CRTAM) mRNA, complete
 cds//6.0e-42:419:73//Hs.159523:AF001622
 R-HEMBA1002189//Homo sapiens mRNA for KIAA0792 protein, complete cds//1.4e-29:244:72//Hs.119387:
 AB007958
 R-HEMBA1002191//ESTs//2.6e-31:275:66//Hs.133852:AI076357
 30 R-HEMBA1002199//Human Line-1 repeat mRNA with 2 open reading frames//4.3e-84:557:84//Hs.23094:M19503
 R-HEMBA1002204//EST//0.00057:113:71//Hs.144868:AI202342
 R-HEMBA1002212//ESTs//1.5e-48:277:93//Hs.104741:AI393315
 R-HEMBA1002215//ESTs//1.1e-23:158:90//Hs.152529:AA897151
 R-HEMBA1002226//Homo sapiens mRNA for KIAA0706 protein, complete cds//5.1e-21:230:75//Hs.139648:
 35 AB014606
 R-HEMBA1002229//Homo sapiens growth suppressor related (DOC-1R) mRNA, complete cds//1.5e-47:238:98//
 Hs.25664:AF089814
 R-HEMBA1002237//ESTs//6.9e-35:357:76//Hs.116518:AA653202
 R-HEMBA1002253//EST//6.0e-19:125:81//Hs.140596:AA829426
 40 R-HEMBA1002257
 R-HEMBA1002267//ESTs, Weakly similar to HYPOTHETICAL 27.8 KD PROTEIN IN VMA7-RPS31A INTERGEN-
 IC REGION [S.cerevisiae]//1.3e-31:201:91//Hs.114673:W72675
 R-HEMBA1002270//ESTs//4.6e-100:483:97//Hs.34940:AI264314
 R-HEMBA1002321//ESTs//2.3e-85:403:99//Hs.120388:AA723595
 45 R-HEMBA1002328//ESTs//1.3e-90:423:100//Hs.117936:AI280818
 R-HEMBA1002337//ESTs//8.7e-24:147:93//Hs.9893:AA007679
 R-HEMBA1002341//Homo sapiens mRNA for KIAA0771 protein, partial cds//7.8e-130:642:96//Hs.6162:
 AB018314
 R-HEMBA1002348//ESTs//5.0e-71:387:93//Hs.30494:H04822
 50 R-HEMBA1002349//ESTs//9.7e-88:420:98//Hs.132972:AA543094
 R-nnnnnnnnnnnn//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds//3.9e-123:
 661:93//Hs.119023:AF092563
 R-HEMBA1002381//ESTs//1.3e-73:352:99//Hs.56121:AA781435
 R-HEMBA1002389//EST//2.3e-05:132:69//Hs.37558:H58237
 55 R-HEMBA1002417//Homo sapiens chromosome 19, cosmid R28784//3.9e-63:358:91//Hs.25527:AC005954
 R-HEMBA1002419//ESTs, Weakly similar to APK1 antigen [H.sapiens]//5.6e-87:429:96//Hs.13209:AI417849
 R-HEMBA1002430//ESTs//0.10:388:57//Hs.119238AA476267
 R-HEMBA1002439//Human mRNA for KIAA0080 gene, partial cds//2.0e-22:181:80//Hs.74554:D38522

R-HEMBA1002458//ESTs//1.8e-88:448:95//Hs.97914:AA769069
 R-HEMBA1002460//Catalase//0.67:314:60//Hs.76359:X04085
 R-HEMBA1002462//EST//0.032:44:88//Hs.161536:N80395
 R-nnnnnnnnnnnn//ESTs, Weakly similar to F08G12.1 [C.elegans]//5.4e-95:488:95//Hs.108115:AA582193
 5 R-HEMBA1002477//Homo sapiens KIAA0395 mRNA, partial cds//2.5e-37:281:80//Hs.43681:AL022394
 R-HEMBA-1002486//Small inducible cytokine A5 (RANTES)//1.1e-49:311:88//Hs.155464:AF088219
 R-HEMBA1002495//ESTs//1.2e-94:457:98//Hs.42140:AI188995
 R-HEMBA1002498//ESTs//1.7e-35:240:78//Hs.119871:AA705133
 R-HEMBA1002503//ESTs//2.3e-14:64:85//Hs.140190:AA701449
 10 R-HEMBA1002508//ESTs//0.00057:160:62//Hs.149661:AA872990
 R-nnnnnnnnnnnn//Homo sapiens mRNA for histone deacetylase-like protein (JM21)//2.3e-113:456:92//Hs.6764:AJ011972
 R-HEMBA1002515//EST//1.0:153:63//Hs.118045:N51715
 R-HEMBA1002538//Homo sapiens mRNA for KIAA0454 protein, partial cds//5.1e-106:564:93//Hs.129928:
 15 AB007923
 R-HEMBA1002542//ESTs//1.0e-101:539:93//Hs.93872:AA524700
 R-HEMBA1002547//EST//8.7e-27:151:96//Hs.132145:AI041804
 R-HEMBA1002552//EST//5.9e-49:335:85//Hs.149580:AI281881
 R-HEMBA1002555//ESTs//1.1e-77:461:91//Hs.38750:N30012
 20 R-HEMBA1002558//Homo sapiens 4F5S mRNA, complete cds//1.3e-42:264:89//Hs.32567:AF073519
 R-HEMBA1002561//Small inducible cytokine A5 (RANTES)//6.4e-40:196:78//Hs.155464:AF088219
 R-nnnnnnnnnnnn//Homo sapiens protein associated with Myc mRNA, complete cds//1.4e-120:587:97//Hs.151411:AF075587
 R-HEMBA1002583//ESTs//7.1e-79:410:95//Hs.21599:AA478904
 25 R-HEMBA1002590//EST//3.3e-54:278:97//Hs.138637:N20838
 R-HEMBA1002592//ESTs//2.6e-44:500:74//Hs.110934:N26055
 R-HEMBA1002621
 R-HEMBA1002624//Homo sapiens mRNA for KIAA0808 protein, complete cds//2.2e-77:380:97//Hs.91338:AB018351
 30 R-HEMBA1002628//ESTs//0.0020:167:66//Hs.140605:AA830881
 R-HEMBA1002629//ESTs//0.00014:50:100//Hs.119132:AA398715
 R-HEMBA1002645//EST//2.1e-37:285:82//Hs.141728:W73041
 R-HEMBA1002651//EST//2.2e-23:374:69//Hs.139357:AA420970
 R-HEMBA1002659//Human 53K isoform of Type II phosphatidylinositol-4-phosphate 5-kinase (PIPK) mRNA, complete cds//1.5e-53:406:81//Hs.108966:U48696
 35 R-HEMBA1002661//Homo sapiens mRNA for KIAA0764 protein, complete cds//1.1e-41:296:84//Hs.6232:AB018307
 R-HEMBA1002666//EST//4.4e-09:79:88//Hs.72015:AA151945
 R-HEMBA1002678//EST, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//7.6e-104:560:92//Hs.161748:T64896
 40 R-nnnnnnnnnnnn//EST//0.15:136:69//Hs.129570:AA995396
 R-HEMBA1002688//T-CELL SURFACE PROTEIN TACTILE PRECURSOR//0.16:247:62//Hs.142023:M88282
 R-HEMBA1002696//ESTs//3.5e-94:529:92//Hs.16725:AA196477
 R-HEMBA1002712//Homo sapiens mRNA for KIAA0772 protein, complete cds//6.0e-46:302:86//Hs.15519:AB018315
 45 R-HEMBA1002716//ESTs//1.3e-109:555:96//Hs.9812:AA147884
 R-HEMBA1002728//Homo sapiens mRNA for KIAA0621 protein, partial cds//3.8e-37:287:81//Hs.132942:AB014521
 R-HEMBA1002730//ESTs//1.2e-95:488:95//Hs.22030:AA521168
 50 R-HEMBA1002742//ESTs//1.0e-91:437:99//Hs.139987:AA652163
 R-HEMBA1002746//ESTs//4.4e-97:468:98//Hs.129903:AA576526
 R-HEMBA1002748//ESTs//5.0e-98:475:98//Hs.125461:AI375792
 R-HEMBA1002750//ESTs//1.6e-42:223:97//Hs.40460:N36090
 R-HEMBA1002768//Homo sapiens mRNA for KIAA0554 protein, partial cds//4.0e-106:545:95//Hs.74750:AB011126
 55 R-HEMBA1002770//EST//0.34:294:59//Hs.43091:N22127
 R-HEMBA1002777//ESTs//3.0e-85:316:98//Hs.17537:C06491
 R-HEMBA1002779//Human mRNA for KIAA0013 gene, complete cds//0.25:342:58//Hs.48824:D87717

- R-HEMBA1002780//Homo sapiens DEC-205 mRNA, complete cds//4.2e-46:449:75//Hs.153563:AF011333
R-HEMBA1002794//ESTs//1.2e-115:559:97//Hs.79741:AI279709
R-HEMBA1002801//EST//0.00049:287:60//Hs.126466:AA913320
5 R-HEMBA1002810//Homo sapiens formin binding protein 21 mRNA, complete cds//1.4e-116:559:97//Hs.28307:AF071185
R-HEMBA1002816//Human plectin (PLEC1) mRNA, complete cds//0.28:281:62//Hs.79706:U53204
R-HEMBA1002826//EST//6.7e-25:134:99//Hs.134683:AI092013
R-HEMBA1002833//ESTs, Highly similar to ribosome-binding protein p34 [R.norvegicus]//4.3e-25:137:98//Hs.5337:AA243757
10 R-HEMBA1002850//ESTs//0.010:323:57//Hs.18282:W67514
R-HEMBA1002863//ESTs//1.1e-67:359:94//Hs.124699:W27830
R-HEMBA1002876//ESTs//0.72:202:62//Hs.144816:AI220827
R-HEMBA1002886//EST//3.2e-85:401:99//Hs.96580:AA405670
R-HEMBA1002896//Homo sapiens SH3-containing adaptor molecule-1 mRNA, complete cds//1.2e-107:541:95//
15 Hs.33787:AF037261
R-HEMBA1002921//Human mRNA for KIAA0189 gene, complete cds//0.84:103:71//Hs.95140:D80011
R-HEMBA1002924//ESTs//3.5e-86:423:98//Hs.27513:N34820
R-HEMBA1002934//Human mRNA for KIAA0118 gene, partial cds//2.1e-50:308:88//Hs.154326:D42087
R-HEMBA1002935//ESTs//1.0e-73:384:95//Hs.118193:N74481
20 R-HEMBA1002937//ESTs//0.052:167:65//Hs.145504:AI254165
R-HEMBA1002939//ESTs//1.6e-94:467:97//Hs.9893:AA007679
R-HEMBA1002944//ESTs//2.7e-17:176:80//Hs.143768:AA229732
R-HEMBA1002951//ESTs//3.7e-119:565:98//Hs.16218:AI190892
R-HEMBA1002954//EST//0.076:285:58//Hs.98706:AA431085
25 R-HEMBA1002968//Thiopurine S-methyltransferase//1.9e-46:314:85//Hs.51124:AF019369
R-HEMBA1002970//EST//0.00050:164:64//Hs.129630:AI000405
R-HEMBA1002971//Homo sapiens mRNA for KIAA0679 protein, partial cds//2.3e-30:162:99//Hs.5734:AB014579
R-HEMBA1002973//Small inducible cytokine A5 (RANTES)//5.7e-42:318:81//Hs.155464:AF088219
R-nnnnnnnnnnnn//ESTs//3.2e-18:102:100//Hs.146255:AA197064
30 R-HEMBA1002999//ESTs, Moderately similar to lamina associated polypeptide 1C [R.norvegicus]//7.9e-113:560:96//Hs.125749:AI377682
R-HEMBA1003021//Homo sapiens PYRIN (MEFV) mRNA, complete cds//3.3e-42:290:85//Hs.113283:AF018080
R-HEMBA1003033//ESTs//2.8e-77:417:94//Hs.138860:W47480
R-HEMBA1003034//ESTs//3.7e-42:429:74//Hs.132818:AI038577
35 R-HEMBA1003035//ESTs//0.025:156:64//Hs.8473:T40827
R-HEMBA1003037//ESTs//0.69:381:57//Hs.47312:AI240366
R-HEMBA1003041//ESTs, Highly similar to PUTATIVE SERINE/THREONINE-PROTEIN KINASE C41C4.4 IN CHROMOSOME II PRECURSOR [Caenorhabditis elegans]//5.6e-34:280:79//Hs.114905:AA088442
R-HEMBA1003046//Homo sapiens mitochondrial processing peptidase beta-subunit mRNA, complete cds//1.3e-119:578:97//Hs.44097:AF054182
40 R-HEMBA1003064//ESTs//7.8e-85:419:96//Hs.87020:AA706627
R-HEMBA1003067//Von Hippel-Lindau syndrome//2.0e-30:299:75//Hs.78160:AF010238
R-HEMBA1003071//ESTs//2.3e-74:360:98//Hs.17270:AA701903
R-HEMBA1003077//ESTs, Weakly similar to KIAA0405 [H.sapiens]//1.1e-90:434:99//Hs.14146:W92235
45 R-HEMBA1003078//ESTs//5.9e-16:156:77//Hs.142684:AA902402
R-HEMBA1003079//ESTs//0.16:341:58//Hs.95923:AI075249
R-HEMBA1003083//Small inducible cytokine A5 (RANTES)//1.9e-39:284:83//Hs.155464:AF088219
R-HEMBA1003086//EST//1.0e-48:372:82//Hs.161917:AA483223
R-HEMBA1003096//ESTs, Weakly similar to Mouse 19.5 mRNA, complete cds [M.musculus]//4.2e-100:531:94//
50 Hs.104800:AA709155
R-HEMBA1003098//ESTs//4.2e-107:537:96//Hs.107213:AA121624
R-HEMBA1003117//ESTs//2.4e-67:331:97//Hs.157158:AI150058
R-HEMBA1003129//Human nucleolar fibrillar center protein (ASE-1) mRNA, complete cds//2.1e-13:109:88//Hs.118717:U86751
55 R-HEMBA1003133//ESTs//1.1e-34:180:98//Hs.159387:AI370845
R-HEMBA1003136//ESTs, Weakly similar to MANNOSE-1-PHOSPHATE GUANYLTRANSFERASE [Saccharomyces cerevisiae]//9.2e-114:577:95//Hs.27059:AI088615
R-HEMBA1003142//Small inducible cytokine A5 (RANTES)//1.1e-45:285:88//Hs.155464:AF088219

R-HEMBA1003148//Homo sapiens mRNA for dachshund protein//3.6e-118:586:96//Hs.63931:AJ005670
 R-HEMBA1003166//ESTs//1.6e-96:479:96//Hs.119940:AA705933
 R-HEMBA1003175//ESTs//2.7e-74:407:92//Hs.139167:AA715389
 R-HEMBA1003197//ESTs//1.6e-68:384:94//Hs.120969:W92000
 5 R-HEMBA1003199//Sjogren syndrome antigen B (autoantigen La)//0.19:328:57//Hs.83715:X69804
 R-HEMBA1003202//Homo sapiens mRNA for KIAA0640 protein, partial cds//1.3e-40:290:83//Hs.153026:AB014540
 R-HEMBA1003204//ESTs//1.1e-34:215:91//Hs.108090:AA424943
 R-HEMBA1003212//ESTs//1.9e-81:441:93//Hs.28471:W20265
 10 R-HEMBA1003220//ESTs, Weakly similar to MITOCHONDRIAL 40S RIBOSOMAL PROTEIN S28 PRECURSOR [S.cerevisiae]//1.6e-40:232:93//Hs.107707:N32817
 R-HEMBA1003227//ESTs, Weakly similar to weak similarity to HSP90 [C.elegans]//1.1e-42:310:85//Hs.23294:W27666
 R-HEMBA1003229//ESTs//4.8e-18:133:90//Hs.61763:AA035305
 15 R-HEMBA1003235//ESTs//7.7e-35:201:78//Hs.163979:AA828834
 R-HEMBA1003250//Homo sapiens p21-activated kinase 3 (PAK3) mRNA, complete cds//7.4e-05:534:58//Hs.152663:AF068864
 R-HEMBA1003257//EST//1.4e-95:473:97//Hs.32443:H28929
 R-HEMBA1003273//Small inducible cytokine A5 (RANTES)//2.6e-38:253:86//Hs.155464:AF088219
 20 R-HEMBA1003276//ESTs//7.6e-55:269:99//Hs.23817:AA526392
 R-HEMBA1003278//ESTs//2.6e-45:301:71//Hs.51652:AI084785
 R-HEMBA1003281
 R-HEMBA1003291//Homo sapiens mRNA for KIAA0537 protein, complete cds//9.7e-117:551:99//Hs.12836:AB011109
 25 R-HEMBA1003296//ESTs//4.8e-17:210:72//Hs.44451:AA203266
 R-HEMBA1003304//ESTs//2.8e-98:468:98//Hs.120849:AI148353
 R-HEMBA1003309//ESTs//1.8e-97:455:99//Hs.11571:AA713504
 R-HEMBA1003314//Homo sapiens mRNA for leucine zipper bearing kinase, complete cds//8.9e-113:545:97//Hs.124224:AB001872
 30 R-HEMBA1003322//ESTs//4.9e-79:419:95//Hs.138760:N66869
 R-HEMBA1003327//Homo sapiens clone 23622 mRNA sequence//1.4e-16:177:78//Hs.151608:AF052119
 R-HEMBA1003328//H.sapiens mRNA for MACH-alpha-2 protein//2.1e-43:269:88//Hs.19949:X98173
 R-HEMBA1003330//Homo sapiens poly(A) binding protein II (PABP2) gene, complete cds//0.66:64:76//Hs.117176:AF026029
 35 R-HEMBA1003348//ESTs//1.4e-35:185:78//Hs.117879:H77357
 R-HEMBA1003369//ESTs, Weakly similar to F59C6.9 [C.elegans]//3.2e-113:553:97//Hs.65539:AI148540
 R-HEMBA1003370//ESTs//2.0e-46:319:86//Hs.37573:H59651
 R-HEMBA1003373//ESTs//1.6e-31:136:81//Hs.114849:AI139588
 R-HEMBA1003376//ESTs//3.0e-47:383:80//Hs.138852:AA284247
 40 R-HEMBA1003380//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.8e-11:261:65//Hs.87578:AI125363
 R-HEMBA1003384//EST//0.00013:82:75//Hs.141237:H57847
 R-HEMBA1003395//ESTs//5.2e-78:379:98//Hs.162208:AA536127
 R-HEMBA1003402//ESTs//8.6e-14:108:89//Hs.55424:AA774204
 45 R-nnnnnnnnnnnn//ESTs//1.7e-24:188:85//Hs.70266:Z78309
 R-HEMBA1003417//ESTs//4.2e-74:396:94//Hs.55220:D11563
 R-HEMBA1003418//ESTs//3.1e-107:545:95//Hs.3494:AI421013
 R-HEMBA1003433//Homo sapiens nibrin (NBS) mRNA, complete cds//3.2e-115:544:98//Hs.25812:AF058696
 R-HEMBA1003461//ESTs//2.8e-62:304:99//Hs.148747:AI225121
 50 R-HEMBA1003463//ESTs//2.3e-112:549:97//Hs.104627:AA885516
 R-HEMBA1003480//Homo sapiens PYRIN (MEFV) mRNA, complete cds//7.7e-76:529:84//Hs.113283:AF018080
 R-HEMBA1003528//ESTs//2.1e-59:312:96//Hs.22505:R41688
 R-HEMBA1003531//ESTs//2.2e-17:116:93//Hs.140217:AA702760
 R-HEMBA1003538//Complement component C1r//4.7e-25:333:68//Hs.1279:M14058
 55 R-HEMBA1003545//ESTs//8.7e-89:432:98//Hs.99497:AA776817
 R-HEMBA1003548//EST//0.0091:274:60//Hs.148336:AA911673
 R-HEMBA1003555//ESTs, Weakly similar to NUCLEOTIDE-BINDING PROTEIN [H.sapiens]//2.8e-93:495:93//Hs.91619:AA552351

R-HEMBA1003556//ESTs//7.1e-44:406:77//Hs.141575:AA211734
 R-HEMBA1003560//ESTs//4.0e-34:182:97//Hs.14811:AA434522
 R-HEMBA1003568//ESTs//2.0e-101:486:98//Hs.118570:AI342058
 R-HEMBA1003569//ESTs, Moderately similar to metastasis-associated gene [H.sapiens]//4.0e-63:343:93//Hs.
 5 58598:AA625440
 R-HEMBA1003571//Homo sapiens clone 23632 mRNA sequence//3.7e-47:338:84//Hs.46918:AF052099
 R-HEMBA1003579//EST//0.00057:239:60//Hs.162828:AA643892
 R-HEMBA1003581//ESTs//2.6e-10:118:79//Hs.44856:N37065
 R-HEMBA1003591//ESTs//2.4e-96:460:98//Hs.128741:AI244212
 10 R-HEMBA1003595//Human mRNA for KIAA0118 gene, partial cds//1.7e-48:421:78//Hs.154326:D42087
 R-HEMBA1003597//EST//1.6e-38:313:80//Hs.160911:AI371042
 R-HEMBA1003598//ESTs//0.0085:273:61//Hs.145333:AI251374
 R-HEMBA1003615
 R-HEMBA1003617//ESTs//1.0e-111:574:95//Hs.4552:W68167
 15 R-HEMBA1003621//EST//1.7e-31:288:78//Hs.140909:R49387
 R-HEMBA1003622//EST//1.1e-46:468:75//Hs.139093:AA166888
 R-HEMBA1003630//ESTs//1.4e-21:411:69//Hs.128729:AA973021
 R-HEMBA1003637//ESTs, Weakly similar to !!!! ALU SUBFAMILY SB WARNING ENTRY !!!! [H.sapiens]//9.3e-24:
 189:84//Hs.142208:AA209438
 20 R-HEMBA1003640//ISLET AMYLOID POLYPEPTIDE PRECURSOR//2.5e-42:332:81//Hs.51048:X68830
 R-HEMBA1003645//ESTs//2.4e-77:423:94//Hs.99539:R59010
 R-HEMBA1003646//ESTs//2.6e-98:549:91//Hs.96427:AA151783
 R-HEMBA1003656//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488//5.6e-44:245:77//Hs.
 67619:AB007957
 25 R-HEMBA1003662//Human TBX2 (TXB2) mRNA, complete cds//2.6e-17:144:84//Hs.32931:U28049
 R-HEMBA1003667//Farnesyltransferase, CAAX box, beta//1.3e-22:170:88//Hs.117596:L00635
 R-HEMBA1003679//ESTs, Weakly similar to trithorax homolog HTX, version 2 [H.sapiens]//4.1e-87:434:97//Hs.
 9489:R84329
 R-HEMBA1003680//Human DNA-binding protein (HRC1) mRNA, complete cds//0.86:315:61//Hs.72925:M91083
 30 R-HEMBA1003684//ESTs, Highly similar to ZINC FINGER PROTEIN 7 [Homo sapiens]//1.1e-101:528:95//Hs.
 22934:AA581379
 R-HEMBA1003690//ESTs//0.0021:119:69//Hs.98641:AA429916
 R-HEMBA1003692//Human cytochrome P450-IIB (hIIB3) mRNA, complete cds//2.0e-43:360:80//Hs.110194:
 M29873
 35 R-HEMBA1003711//ESTs//1.0e-70:375:94//Hs.150407:AI279064
 R-HEMBA1003714//VASOACTIVE INTESTINAL POLYPEPTIDE RECEPTOR 1 PRECURSOR//0.94:367:62//Hs.
 1139:X77777
 R-HEMBA1003715//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.1e-77:299:85//Hs.113283:AF018080
 R-HEMBA1003720//Homo sapiens TWIK-related acid-sensitive K⁺ channel (TASK) mRNA, complete cds//1.2e-
 40 33:377:74//Hs.24040:AF006823
 R-HEMBA1003725//ESTs//3.8e-103:481:99//Hs.122518:AA778847
 R-HEMBA1003729//ESTs//2.5e-51:277:95//Hs.26270:AA258839
 R-HEMBA1003733//ESTs//1.9e-69:350:96//Hs.139278:AA702592
 R-HEMBA1003742//ESTs, Moderately similar to T13H5.2 [C.elegans]//4.6e-70:348:96//Hs.11282:AI147040
 45 R-HEMBA1003758//ESTs//1.7e-52:306:85//Hs.138852:AA284247
 R-HEMBA1003760//ESTs//7.4e-76:420:93//Hs.26501:H05089
 R-HEMBA1003773//ESTs, Highly similar to SIGNAL RECOGNITION PARTICLE RECEPTOR BETA SUBUNIT
 [Mus musculus]//1.9e-77:364:100//Hs.12152:AA156214
 R-HEMBA1003783//ESTs, Weakly similar to C01H6.7 [C.elegans]//2.1e-101:558:93//Hs.18171:AA524327
 50 R-HEMBA1003784//EST//0.83:127:62//Hs.144002:F01600
 R-HEMBA1003799//EST//9.7e-30:362:71//Hs.156577:AA860236
 R-HEMBA1003803//ESTs, Weakly similar to Y53C12A.3 [C.elegans]//2.8e-16:93:100//Hs.107747:AI357868
 R-HEMBA1003804//Interleukin 15//0.13:227:62//Hs.111867:AB007295
 R-HEMBA1003805//ESTs//0.029:199:65//Hs.91582:T25344
 55 R-HEMBA1003807//EST//2.4e-13:137:81//Hs.145645:AI264163
 R-HEMBA1003836//Small inducible cytokine A5 (RANTES)//3.2e-39:284:83//Hs.155464:AF088219
 R-HEMBA1003838//ESTs, Weakly similar to NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 2 [Paramecium
 tetraurelia]//6.5e-71:357:96//Hs.107573:AA524333

R-HEMBA1003856//ESTs//8.2e-20:266:71//Hs.48312:N68161
 R-HEMBA1003864//ESTs//1.6e-99:528:93//Hs.26890:AA449033
 R-HEMBA1003866//POLYPOSIS LOCUS PROTEIN 1//0.30:146:64//Hs.74648:M73547
 R-HEMBA1003879//EST, Weakly similar to DNA-REPAIR PROTEIN COMPLEMENTING XP-A CELLS [Homo sa-
 5 piens]//2.1e-59:295:98//Hs.161661:AA166911
 R-HEMBA1003880//Homo sapiens clone 24760 mRNA sequence//3.8e-34:286:79//Hs.61408:AF070621
 R-HEMBA1003885//ESTs//4.6e-50:293:90//Hs.142314:AA347930
 R-HEMBA1003893//Calcium modulating ligand//2.1e-43:294:86//Hs.13572:AF068179
 R-HEMBA1003902//ESTs//1.8e-43:300:85//Hs.146811:AA410788
 10 R-HEMBA1003908//ESTs//3.5e-91:477:94//Hs.6638:AA536187
 R-HEMBA1003926//ESTs//7.9e-44:294:87//Hs.164036:AA845659
 R-HEMBA1003937//Homo sapiens mRNA for KIAA0585 protein, partial cds//3.5e-48:276:81//Hs.72660:AB011157
 R-HEMBA1003939
 R-HEMBA1003942//ESTs//1.6e-81:428:94//Hs.50418:AA524669
 15 R-HEMBA1003950//ESTs//8.1e-54:283:95//Hs.145528:AI261545
 R-HEMBA1003953//ESTs//3.8e-30:194:89//Hs.99681:AA504591
 R-HEMBA1003958//ESTs//4.0e-45:394:77//Hs.141602:N63562
 R-HEMBA1003959//ESTs//5.2e-28:197:86//Hs.9951:W56253
 R-HEMBA1003976//ESTs//2.0e-29:232:84//Hs.133947:AI074525
 20 R-HEMBA1003978//ESTs//3.2e-115:549:98//Hs.76798:AI050882
 R-HEMBA1003985//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//2.2e-91:
 448:97//Hs.117834:AA766771
 R-HEMBA1003987//ESTs//8.1e-36:193:88//Hs.151844:N92756
 R-HEMBA1003989//Human mRNA for KIAA0241 gene, partial cds//3.6e-43:360:81//Hs.150275:D87682
 25 R-HEMBA1004000//EST//5.5e-62:308:97//Hs.50438:N74105
 R-HEMBA1004011//ESTs//8.6e-85:431:96//Hs.36185:R99899
 R-HEMBA1004012//ESTs//1.3e-40:309:83//Hs.140329:AA714011
 R-HEMBA1004015//ESTs//5.1e-97:453:99//Hs.111446:AI333774
 R-HEMBA1004024//ESTs//5.2e-19:159:79//Hs.138856:H47461
 30 R-HEMBA1004038//ESTs//1.3e-41:346:79//Hs.146173:AA906191
 R-HEMBA1004042//ESTs//0.0012:201:69//Hs.24248:AA528253
 R-HEMBA1004045//ESTs, Weakly similar to putative p150 [H.sapiens]//1.5e-22:365:70//Hs.99692:AA811804
 R-HEMBA1004048//ESTs//9.5e-104:497:98//Hs.77735:AI125469
 R-HEMBA1004049//HEAT SHOCK 70 KD PROTEIN 1//6.3e-31:176:96//Hs.8997:M11717
 35 R-HEMBA1004055//ESTs//1.7e-115:577:96//Hs.59503:W63754
 R-HEMBA1004056//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.2e-78:577:82//Hs.113283:AF018080
 R-HEMBA1004074//EST//1.0:152:61//Hs.149093:AI243988
 R-HEMBA1004086//ESTs//4.0e-53:266:98//Hs.34658:N98652
 R-HEMBA1004097//ESTs//4.4e-46:279:91//Hs.110533:H16251
 40 R-HEMBA1004131//Human mRNA for KIAA0128 gene, partial cds//3.0e-43:534:69//Hs.90998:D50918
 R-HEMBA1004132//ESTs//4.6e-47:316:86//Hs.141602:N63562
 R-HEMBA1004133
 R-HEMBA1004138//EST//1.7e-08:211:64//Hs.129189:AA988736
 R-HEMBA1004143//ESTs//4.0e-25:137:97//Hs.21307:AA203320
 45 R-HEMBA1004146//Small inducible cytokine A5 (RANTES)//4.1e-27:191:86//Hs.155464:AF088219
 R-HEMBA1004150//GRANALCIN//0.99:357:59//Hs.79381:M81637
 R-HEMBA1004164//Human mRNA for KIAA0118 gene, partial cds//9.5e-47:313:84//Hs.154326:D42087
 R-HEMBA1004168//Homo sapiens geminin mRNA, complete cds//7.7e-112:563:96//Hs.59988:AF067855
 R-HEMBA1004199
 50 R-HEMBA1004200//EST//3.1e-89:441:97//Hs.141173:R97701
 R-HEMBA1004202//ESTs, Weakly similar to GTP-BINDING PROTEIN YPTM1 [Zea mays]//1.7e-107:552:94//Hs.
 10092:AI189282
 R-HEMBA1004203//Homo sapiens mRNA for KIAA0618 protein, complete cds//1.5e-96:275:98//Hs.15832:
 AB014518
 55 R-HEMBA1004207//Leptin receptor//1.1e-117:573:97//Hs.54515:U50748
 R-HEMBA1004225//EST//9.7e-34:186:95//Hs.137567:R20617
 R-HEMBA1004227//ESTs, Moderately similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.sapiens]//4.0e-
 16:117:91//Hs.92033:AA255832

R-HEMBA1004238//Human mRNA for KIAA0355 gene, complete cds//3.0e-46:338:83//Hs.153014:AB002353
 R-HEMBA1004241//ESTs//1.3e-10:93:87//Hs.137511:AA456389
 R-HEMBA1004246//Homo sapiens LIM protein mRNA, complete cds//2.7e-43:511:72//Hs.154103:AF061258
 R-HEMBA1004248//ESTs, Highly similar to INSULIN-INDUCED GROWTH RESPONSE PROTEIN CL-6 [Rattus
 5 norvegicus]//2.1e-61:221:86//Hs.7089:W37284
 R-HEMBA1004264//ESTs//1.5e-80:425:95//Hs.107206:AA234962
 R-HEMBA1004267//ESTs, Moderately similar to !!!! ALU SUBFAMILY SP WARNING ENTRY !!!! [H.sapiens]//1.4e-
 89:465:95//Hs.113660:D20018
 R-HEMBA1004272//ESTs//4.5e-111:577:94//Hs.115696:N57931
 10 R-HEMBA1004272//ESTs, Highly similar to BETA-ADAPTIN [Homo sapiens; Rattus norvegicus; Bos taurus]//4.4e-
 92:559:89//Hs.28298:AA203228
 R-HEMBA1004286//Homo sapiens TGF beta receptor associated protein-1 mRNA, complete cds//6.2e-108:538:
 15 97//Hs.101766:AF022795
 R-HEMBA1004289//Sulfotransferase, dehydroepiandrosterone (DHEA) -preferring//1.7e-34:223:75//Hs.81884:
 U13061
 R-HEMBA1004295//ESTs, Weakly similar to weakly similar to ANK repeat region of Fowlpox virus BamHI-orf7
 protein [C. elegans]//3.6e-93:496:94//Hs.14337:AA534961
 20 R-HEMBA1004306//ESTs//3.4e-26:363:68//Hs.70279:AA757426
 R-HEMBA1004312//ESTs//4.8e-64:351:94//Hs.138611:H82679
 R-HEMBA1004321//Zinc finger protein 44 (KOX 7)//2.6e-37:415:64//Hs.51199:X16281
 R-HEMBA1004323//ESTs//2.1e-40:280:70//Hs.153300:AA928904
 R-HEMBA1004327//ESTs//3.8e-72:343:99//Hs.151708:AA554714
 25 R-HEMBA1004330//ESTs//4.0e-52:270:97//Hs.24654:AA456561
 R-HEMBA1004334//ESTs//1.6e-46:234:98//Hs.47159:AI310231
 R-HEMBA1004335//ESTs//1.9e-25:250:76//Hs.155880:AA703336
 R-HEMBA1004341//ESTs//3.7e-101:480:98//Hs.69321:AA633240
 R-HEMBA1004353//Homo sapiens mRNA for c-myc binding protein, complete cds//1.3e-75:444:90//Hs.80686:
 30 D89667
 R-HEMBA1004354//Human mRNA for KIAA0355 gene, complete cds//5.9e-39:286:83//Hs.153014:AB002353
 R-HEMBA1004356//SINGLE-STRANDED DNA-BINDING PROTEIN MSSP-1//1.3e-107:576:93//Hs.55458:
 X77494
 R-HEMBA1004366//ESTs//2.3e-94:524:91//Hs.111496:AA652869
 35 R-HEMBA1004372//EST//0.27:198:60//Hs.162665:AA605057
 R-HEMBA1004389//ESTs//4.1e-102:490:98//Hs.153708:AA687264
 R-HEMBA1004394//ESTs//1.5e-94:471:96//Hs.151647:AA002084
 R-HEMBA1004396//Small inducible cytokine A5 (RANTES)//6.2e-41:285:83//Hs.155464:AF088219
 R-HEMBA1004405//ESTs//2.0e-44:329:83//Hs.136839:H93717
 40 R-HEMBA1004408//ESTs, Weakly similar to homologous to mouse Rsu-1 [H.sapiens]//6.1e-89:420:99//Hs.88365:
 AA648933
 R-HEMBA1004429//ESTs, Weakly similar to homeotic protein protein zhx-1 [M.musculus]//3.0e-112:552:96//Hs.
 12940:AI123518
 R-HEMBA1004433//Human Line-1 repeat mRNA with 2 open reading frames//2.9e-32:463:68//Hs.23094:M19503
 45 R-HEMBA1004460//ESTs//2.0e-104:574:93//Hs.46848:AA195829
 R-HEMBA1004461//ESTs//2.9e-102:503:98//Hs.16370:AA017033
 R-HEMBA1004479//ELK1, member of ETS oncogene family//1.1e-45:310:75//Hs.116549:AL009172
 R-HEMBA1004482//ESTs//9.1e-05:322:62//Hs.34489:AA759306
 R-HEMBA1004502//ESTs//6.9e-112:566:96//Hs.93985:N50034
 50 R-HEMBA1004506//EST//5.3e-59:456:80//Hs.72412:AA160941
 R-HEMBA1004507
 R-HEMBA1004509//ESTs, Moderately similar to HYPOTHETICAL 52.2 KD PROTEIN IN MPR1-GCN20 INTER-
 GENIC REGION [Saccharomyces cerevisiae]//2.9e-82:262:99//Hs.12820:AA004271
 R-HEMBA1004534//ESTs, Highly similar to ENDOTHELIAL ACTIN-BINDING PROTEIN [Homo sapiens]//1.1e-43:
 55 281:89//Hs.58414:AA196947
 R-HEMBA1004538//EST//3.3e-15:270:71//Hs.136667:AA707972
 R-HEMBA1004554
 R-HEMBA1004560//ESTs//8.2e-25:179:88//Hs.96560:W22924

R-HEMBA1004573//ESTs, Moderately similar to ALR [H.sapiens]//1.0:305:60//Hs.30272:AA134913
 R-HEMBA1004577//ESTs//7.9e-50:319:89//Hs.22660:AA582243
 R-HEMBA1004586//ESTs//2.6e-73:384:96//Hs.9582:R39769
 R-nnnnnnnnnnnn//ESTs//6.0e-22:190:82//Hs.42530:N41661
 5 R-HEMBA1004610//ESTs//1.2e-91:438:98//Hs.47823:AA780767
 R-HEMBA1004617//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//4.6e-52:327:85//Hs.159897:AB007970
 R-HEMBA1004629//ESTs//2.3e-19:215:76//Hs.111995:AI375915
 R-HEMBA1004631//ESTs//3.6e-99:470:98//Hs.49303:AA810785
 10 R-HEMBA1004632//ESTs//1.0:128:66//Hs.159182:AA831152
 R-HEMBA1004637//ESTs, Highly similar to HYPOTHETICAL 83.6 KD PROTEIN R05D3.2 IN CHROMOSOME III [Caenorhabditis elegans]//4.8e-111:532:98//Hs.12263:AA282393
 R-HEMBA1004638//ESTs//1.2e-66:341:95//Hs.122687:AI278454
 R-HEMBA1004666//ESTs//2.1e-65:333:96//Hs.98873:AA625442
 15 R-HEMBA1004669//ESTs//0.00039:116:74//Hs.138725:N76348
 R-HEMBA1004670//ESTs//1.7e-16:116:89//Hs.56825:AI057560
 R-HEMBA1004672//EST//6.7e-76:315:97//Hs.20821:R19368
 R-HEMBA1004693//ESTs//6.4e-68:327:99//Hs.159066:AI093252
 R-HEMBA1004697//ESTs//9.3e-98:467:98//Hs.62637:AA043562
 20 R-HEMBA1004705//EST//0.0034:271:58//Hs.112503:AA599042
 R-HEMBA1004709//EST//1.3e-55:392:85//Hs.149580:AI281881
 R-HEMBA1004711//Small inducible cytokine A5 (RANTES)//1.9e-47:449:76//Hs.155464:AF088219
 R-HEMBA1004725//EST//1.8e-71:424:88//Hs.155712:AI309235
 R-HEMBA1004730//Homo sapiens clone 23892 mRNA sequencer//2.1e-44:467:73//Hs.91916:AF035317
 25 R-HEMBA1004733//EST//0.99:84:65//Hs.161372:AI423151
 R-HEMBA1004734//ESTs//1.8e-82:421:96//Hs.21275:N73275
 R-HEMBA1004736//Ataxia telangiectasia mutated (includes complementation groups A, C and D)//9.5e-39:296:82//Hs.51187:U82828
 R-HEMBA1004748//ESTs//1.7e-43:166:86//Hs.37573:H59651
 30 R-HEMBA1004751//ESTs//8.0e-23:155:88//Hs.149464:AI279428
 R-HEMBA1004752//Thromboxane A2 receptor//2.7e-45:281:89//Hs.89887:D38081
 R-HEMBA1004753//40S RIBOSOMAL PROTEIN S20//8.3e-67:475:84//Hs.8102:L06498
 R-HEMBA1004756//ESTs//2.0e-81:384:99//Hs.129545:N68679
 R-HEMBA1004758//EST//2.0e-43:367:80//Hs.133006:AI049504
 35 R-HEMBA1004763//ESTs//2.0e-108:567:94//Hs.3757:W87380
 R-HEMBA1004768//ESTs, Weakly similar to RETROVIRUS-RELATED POL POLYPROTEIN [Mus musculus]//1.4e-47:379:81//Hs.141273:H66705
 R-HEMBA1004770//ESTs//0.0014:246:61//Hs.124857:AA687092
 R-HEMBA1004771//ESTs//1.1e-12:323:63//Hs.124146:AA699633
 40 R-HEMBA1004776//ESTs//2.5e-112:567:95//Hs.12680:W74476
 R-HEMBA1004778//ESTs//1.4e-33:272:75//Hs.141123:AA848167
 R-nnnnnnnnnnnn
 R-HEMBA1004803//ESTs//1.0e-48:319:86//Hs.139231:W87732
 R-HEMBA1004806
 45 R-HEMBA1004807//ESTs//6.2e-77:362:100//Hs.140945:N47676
 R-HEMBA1004816//EST//4.3e-18:246:72//Hs.150552:AI053784
 R-HEMBA1004820//Human arginine-rich nuclear protein mRNA, complete cds//5.0e-14:141:85//Hs.80510:M74002
 R-HEMBA1004847
 50 R-HEMBA1004850//ESTs//1.2e-83:395:99//Hs.30925:AA577120
 R-HEMBA1004863//ESTs//7.5e-21:204:79//Hs.35036:H95267
 R-HEMBA1004864
 R-HEMBA1004865//EST//6.7e-18:191:75//Hs.129944:AA429362
 R-HEMBA1004880//EST//4.4e-70:346:98//Hs.145094:AA452409
 55 R-HEMBA1004889//ESTs//4.8e-117:496:97//Hs.15641:W63676
 R-HEMBA1004900//ESTs//1.2e-15:283:68//Hs.157606:AI357470
 R-HEMBA1004909//ESTs//7.3e-44:366:79//Hs.140329:AA714011
 R-HEMBA1004918//Human mRNA for KIAA0392 gene, partial cds//4.6e-50:313:89//Hs.40100:AB002390

- R-HEMBA1004923//ESTs//0.013:162:64//Hs.143655:AI128388
 R-HEMBA1004929//EST//2.3e-48:250:97//Hs.131589:AI025053
 R-HEMBA1004930//Cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 2//1.2e-70:547:80//Hs.1361:M55053
- 5 R-HEMBA1004933//ESTs, Weakly similar to R06C7.6 [C.elegans]//5.3e-110:530:98//Hs.18029:AI422883
 R-HEMBA1004934//ESTs//1.3e-103:522:96//Hs.40415:AA037215
 R-HEMBA1004944//ESTs//6.0e-21:97:84//Hs.141973:N21434
 R-HEMBA1004954//ESTs//7.9e-112:596:93//Hs.6226:W61007
 R-HEMBA1004956//ESTs//3.1e-58:280:100//Hs.120750:AA741074
- 10 R-HEMBA1004960//ESTs//6.9e-89:476:93//Hs.163738:AA601040
 R-HEMBA1004972//ESTs//3.0e-72:381:95//Hs.55014:AA934035
 R-HEMBA1004973//ESTs//2.7e-91:441:98//Hs.28144:AI292065
 R-HEMBA1004977//ESTs//2.0e-95:446:99//Hs.29690:AI168404
 R-HEMBA1004978//Homo sapiens natural killer cell group 2-F (NKG2-F) mRNA, complete cds//0.43:187:67//Hs.129734:AJ001683
- 15 R-HEMBA1004980//Human mRNA for KIAA0331 gene, complete cds//6.4e-53:305:91//Hs.146395:AB002329
 R-HEMBA1004983//ESTs//0.16:482:57//Hs.131929:AI021894
 R-HEMBA1004995
 R-HEMBA1005008//EST, Weakly similar to mariner transposase [H.sapiens]//6.9e-51:482:78//Hs.141601:N63520
- 20 R-HEMBA1005009//ESTs, Highly similar to ACTIN I [Naegleria fowleri]//3.8e-109:551:96//Hs.103180:AI365212
 R-HEMBA1005019//Homo sapiens mRNA for KIAA0648 protein, partial cds//2.0e-105:542:94//Hs.31921:AB014548
 R-HEMBA1005029//ESTs, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG [Homo sapiens]//8.4e-95:491:94//Hs.16085:AI261382
- 25 R-HEMBA1005035//Human mRNA for KIAA0033 gene, partial cds//2.3e-64:312:85//Hs.22271:D26067
 R-HEMBA1005039//ESTs, Weakly similar to zinc finger protein [H.sapiens]//2.6e-48:443:78//Hs.139019:N99348
 R-HEMBA1005047//ESTs, Highly similar to RAS-RELATED PROTEIN RAB-5A [Canis familiaris]//1.2e-87:542:87//Hs.16258:AI376436
 R-HEMBA1005050//ESTs//6.3e-46:311:86//Hs.159510:AA297145
- 30 R-HEMBA1005062//ESTs//1.1e-14:216:68//Hs.129935:AA994451
 R-HEMBA1005066//Human clone 23574 mRNA sequence//2.2e-24:303:73//Hs.79385:U90905
 R-HEMBA1005075//EST//0.65:214:62//Hs.133991:AI075789
 R-HEMBA1005079//Human BENE mRNA, partial cds//1.9e-44:304:83//Hs.85889:U17077
 R-HEMBA1005083//ESTs//2.8e-74:356:98//Hs.132272:AI393958
- 35 R-HEMBA1005101//Homo sapiens SYT interacting protein SIP mRNA, complete cds//1.7e-111:545:96//Hs.11170:AF080561
 R-HEMBA1005113//ESTs//1.1e-101:512:95//Hs.7972:AI052739
 R-HEMBA1005123//Ley I-L//3.6e-58:519:77//Hs.37062:AC005952
 R-HEMBA1005133//H.sapiens mRNA for MACH-alpha-2 protein//8.3e-46:309:85//Hs.19949:X98173
- 40 R-HEMBA1005149//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488//4.7e-36:394:75//Hs.67619:AB007957
 R-HEMBA1005152//Homo sapiens antigen NY-CO-16 mRNA, complete cds//3.6e-32:362:77//Hs.132206:AF039694
 R-HEMBA1005159//EST//7.4e-47:252:94//Hs.134930:AI093397
- 45 R-HEMBA1005185//ESTs//5.2e-48:305:89//Hs.14920:AA910914
 R-HEMBA1005201//ESTs//4.7e-58:293:97//Hs.23752:C05766
 R-HEMBA1005202//ESTs//1.0:169:59//Hs.153423:AI198239
 R-HEMBA1005219//Homo sapiens putative tumor suppressor protein (123F2) mRNA, complete cds//0.84:191:61//Hs.26931:AF061836
- 50 R-HEMBA1005223//ESTs//0.75:90:70//Hs.127446:AA167284
 R-HEMBA1005232//EST//0.056:162:67//Hs.65649:F13687
 R-HEMBA1005241//ESTs//3.6e-113:564:96//Hs.12770:W84331
 R-HEMBA1005244//ESTs//6.4e-22:118:100//Hs.21396:AA114834
 R-HEMBA1005251//ESTs//8.5e-36:213:92//Hs.161554:AA393896
- 55 R-HEMBA1005252//Homo sapiens mRNA for KIAA0585 protein, partial cds//6.1e-49:277:93//Hs.72660:AB011157
 R-HEMBA1005274//ESTs//3.7e-65:322:98//Hs.105166:AA668862
 R-HEMBA1005275//ESTs//2.1e-29:298:73//Hs.33393:R83391
 R-HEMBA1005293//ESTs//3.5e-93:448:98//Hs.12066:AI208611

[illegible]

R-HEMBA1005296//ESTs//4.3e-33:168:100//Hs.13916:AI025750
 R-HEMBA1005304//Small inducible cytokine A5 (RANTES)//2.8e-50:315:82//Hs.155464:AF088219
 R-HEMBA1005311//Homo sapiens 4F5S mRNA, complete cds//1.3e-44:318:83//Hs.32567:AF073519
 R-HEMBA1005314//ESTs//3.0e-103:491:98//Hs.41606:AI095046
 5 R-HEMBA1005315//EST//1.9e-29:370:72//Hs.161483:N59169
 R-HEMBA1005318//ESTs//3.9e-110:535:97//Hs.26771:AA126472
 R-HEMBA1005331//Intercellular adhesion molecule 2//7.6e-39:256:87//Hs.83733:X15606
 R-HEMBA1005353//ESTs//1.7e-81:406:96//Hs.155374:AI341467
 10 R-HEMBA1005359//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//4.7e-46:294:81//Hs.129735:AF010144
 R-HEMBA1005367//Alcohol dehydrogenase 2 (class I), beta polypeptide//1.0:210:62//Hs.4:X03350
 R-HEMBA1005372//ESTs//6.2e-95:451:99//Hs.135219:AI091653
 R-HEMBA1005374//ESTs//1.5e-107:502:99//Hs.118208:AA947305
 R-HEMBA1005389//Fc fragment of IgA, receptor for//1.0e-39:311:80//Hs.54486:X54150
 15 R-HEMBA1005394//ESTs, Weakly similar to coded for by C. elegans cDNA yk30b3.5 [C.elegans]//4.0e-88:489:92//Hs.43864:AA131568
 R-HEMBA1005403//EST//0.0011:78:75//Hs.127061:AA863278
 R-HEMBA1005408//ESTs//3.2e-29:395:71//Hs.117532:AA676725
 R-HEMBA1005410//ESTs//1.5e-18:271:70//Hs.144604:AI052059
 20 R-HEMBA1005411//ESTs//1.1e-35:335:77//Hs.141181:R98757
 R-HEMBA1005423//Homo sapiens cyclin-dependent kinase inhibitor (CDKN2C) mRNA, complete cds//1.8e-118:453:99//Hs.4854:AF041248
 R-HEMBA1005426//Chromosome 1 specific transcript KIAA0491//0.25:264:61//Hs.136309:AB007960
 R-HEMBA1005443//Homo sapiens (clone s153) mRNA fragment//1.7e-47:305:87//Hs.6445:L40391
 25 R-HEMBA1005447//ESTs//5.7e-83:529:86//Hs.114253:AA745961
 R-HEMBA1005468//ESTs//7.3e-23:249:73//Hs.61199:AA024494
 R-HEMBA1005469//Human mRNA for KIAA0355 gene, complete cds//4.5e-45:320:85//Hs.153014:AB002353
 R-HEMBA1005472//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//8.4e-73:464:87//Hs.103948:K00627
 30 R-HEMBA1005475//ESTs//0.32:192:59//Hs.62694:AA100445
 R-HEMBA1005497
 R-HEMBA1005500//ESTs//2.2e-43:307:85//Hs.146811:AA410788
 R-HEMBA1005506//75 kda infertility-related sperm protein [human, testis, mRNA Partial, 2427 nt]//0.11:295:60//Hs.62608:S58544
 35 R-HEMBA1005508//ESTs//2.8e-55:319:93//Hs.50150:N90870
 R-HEMBA1005511//ESTs, Weakly similar to similar to mouse MMR1 [C.elegans]//2.6e-82:387:99//Hs.67466:AI219740
 R-HEMBA1005517//ESTs//4.6e-77:469:90//Hs.126787:AA203322
 R-HEMBA1005518//ESTs//1.5e-108:561:94//Hs.123167:AA601045
 40 R-HEMBA1005520//Putative mismatch repair/binding protein hMSH3//7.5e-44:179:84//Hs.42674:U61981
 R-HEMBA1005526//ESTs//8.7e-46:308:86//Hs.146811:AA410788
 R-HEMBA1005528//ESTs, Highly similar to POP2 PROTEIN [Saccharomyces cerevisiae]//8.6e-115:578:95//Hs.17035:AI080471
 R-HEMBA1005530//ESTs//1.5e-110:551:96//Hs.107294:W72350
 45 R-HEMBA1005548//ESTs//1.7e-100:510:96//Hs.9115:N90926
 R-HEMBA1005552//Interleukin 10//2.4e-38:306:80//Hs.2180:M57627
 R-HEMBA1005558//ESTs, Weakly similar to unknown [S.cerevisiae]//5.3e-77:439:91//Hs.22897:R43193
 R-HEMBA1005568//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.4e-31:182:76//Hs.133526:N21103
 50 R-HEMBA1005570//ESTs//3.3e-67:411:88//Hs.142245:AA489709
 R-HEMBA1005576//EST//0.91:52:73//Hs.149518:AI280497
 R-HEMBA1005577
 R-HEMBA1005581//Homo sapiens mRNA for MEGF5, partial cds//3.1e-28:561:64//Hs.57929:AB011538
 R-HEMBA1005582//ESTs//6.0e-73:371:97//Hs.103758:C06392
 55 R-HEMBA1005583//ESTs//8.3e-79:413:95//Hs.62348:AA419539
 R-HEMBA1005588//Human c-yes-1 mRNA//2.6e-52:403:83//Hs.75680:M15990
 R-HEMBA1005593//ESTs//3.3e-30:139:80//Hs.142273:W37905
 R-HEMBA1005595//ESTs//1.1e-97:454:100//Hs.27497:AI274820

R-HEMBA1005606//EST//1.0e-12:313:64//Hs.162402:AA573125
 R-HEMBA1005609//ESTs//0.49:278:58//Hs.76235:W56390
 R-HEMBA1005616//EST//1.3e-98:470:99//Hs.122230:AA781422
 R-HEMBA1005621//ESTs, Weakly similar to MITOTIC MAD2 PROTEIN [S.cerevisiae]//2.8e-95:539:92//Hs.
 5 19400:AA662845
 R-HEMBA1005627//Human mRNA for adipogenesis inhibitory factor//5.5e-38:317:78//Hs.1721:X58377
 R-HEMBA1005631//Human mRNA for KIAA0393 gene, complete cds//2.3e-11:279:65//Hs.15245:AF041081
 R-HEMBA1005632//EST//1.5e-10:181:70//Hs.120259:AA731522
 R-HEMBA1005634//Homo sapiens mRNA for chemokine LEC precursor, complete cds//1.4e-25:234:80//Hs.
 10 10458:AF088219
 R-HEMBA1005666//ESTs//2.3e-103:534:95//Hs.14512:AA205973
 R-HEMBA1005670//ESTs//2.6e-39:166:81//Hs.139414:AI279477
 R-HEMBA1005679//Esterase D/formylglutathione hydrolase//1.3e-50:322:88//Hs.82193:M13450
 R-HEMBA1005680//Homo sapiens LIM protein mRNA, complete cds//3.3e-43:343:81//Hs.154103:AF061258
 R-HEMBA1005685//Human homeodomain protein (Prox 1) mRNA, complete cds//0.0050:235:64//Hs.159437:
 15 U44060
 R-HEMBA1005699//Human putative EPH-related PTK receptor ligand LERK-8 (Eplg8) mRNA, complete cds//
 1.7e-47:376:84//Hs.26988:U66406
 R-HEMBA1005705//ESTs//3.0e-53:259:99//Hs.55314:AA772055
 R-HEMBA1005717//EST//2.5e-59:287:99//Hs.146870:AI159943
 R-HEMBA1005732//Homo sapiens mRNA for cartilage-associated protein (CASP)//1.2e-45:398:79//Hs.155481:
 20 AJ006470
 R-HEMBA1005737//ESTs//2.5e-57:416:83//Hs.23245:AA053815
 R-nnnnnnnnnnnn//EST//0.098:125:68//Hs.136945:AA765672
 R-HEMBA1005755//EST//2.2e-22:180:84//Hs.141488:N47096
 R-HEMBA1005765//Human peptide transporter (HPEPT1) mRNA, complete cds//3.9e-47:404:80//Hs.2217:
 25 U21936
 R-HEMBA1005780//ESTs//1.3e-106:512:97//Hs.11901:AA173974
 R-HEMBA1005813//Homo sapiens mRNA for chemokine LEC precursor, complete cds//2.0e-33:195:84//Hs.
 30 10458:AF088219
 R-HEMBA1005815//ESTs//7.6e-19:290:71//Hs.112218:AI038601
 R-HEMBA1005822//ESTs//5.4e-49:246:98//Hs.34804:AA514960
 R-HEMBA1005829//ESTs//2.7e-72:344:99//Hs.54548:AI039201
 R-HEMBA1005834//ESTs//1.6e-44:317:82//Hs.157029:AI080618
 R-HEMBA1005852//ESTs//1.6e-102:544:93//Hs.9911:AA098911
 R-HEMBA1005853//ESTs//1.8e-78:398:95//Hs.140248:AA757917
 R-HEMBA1005884//EST//2.6e-18:275:67//Hs.139357:AA420970
 R-HEMBA1005891//ESTs//2.1e-89:427:98//Hs.67317:AI022252
 R-HEMBA1005894
 R-HEMBA1005909//ESTs//2.6e-91:436:99//Hs.147492:AI215686
 R-HEMBA1005911//ESTs//1.1e-85:446:95//Hs.134494:AI076363
 R-HEMBA1005921//ESTs//1.4e-84:428:95//Hs.127993:AA970632
 R-HEMBA1005931//Homo sapiens mRNA for KIAA0526 protein, complete cds//9.5e-45:446:75//Hs.59403:
 45 AB011098
 R-HEMBA1005934//ESTs//0.20:142:65//Hs.97079:AA370867
 R-HEMBA1005962//ESTs//1.8e-87:409:100//Hs.161292:AI199418
 R-HEMBA1005963
 R-HEMBA1005990//Homo sapiens I-1 receptor candidate protein mRNA, complete cds//2.2e-113:580:95//Hs.
 50 26285:AF082516
 R-HEMBA1005991//Human antisecretory factor-1 mRNA, complete cds//2.0e-45:551:70//Hs.148495:AF050199
 R-HEMBA1005999//ESTs//7.5e-24:201:69//Hs.157029:AI080618
 R-HEMBA1006002//ESTs//3.1e-112:573:95//Hs.61233:AI379875
 R-HEMBA1006005//EST//1.0:105:63//Hs.145273:AI249436
 R-nnnnnnnnnnnn//Homo sapiens mRNA for KIAA0725 protein, partial cds//2.4e-28:444:67//Hs.26450:AB018268
 R-HEMBA1006035//ESTs//4.5e-94:465:97//Hs.44625:N49951
 R-HEMBA1006036//ESTs//6.1e-90:420:100//Hs.126771:AA916508
 R-HEMBA1006042//EST//1.5e-88:424:98//Hs.132551:AA948490
 R-nnnnnnnnnnnn

R-HEMBA1006081//ESTs//7.8e-68:356:95//Hs.27410:N25612
 R-HEMBA1006090//EST//5.1e-66:320:99//Hs.99551:AA461517
 R-HEMBA1006091//ESTs//2.0e-84:441:94//Hs.9658:AA506313
 R-HEMBA1006100//Human high-affinity copper uptake protein (hCTR1) mRNA, complete cds//3.4e-43:328:82//
 5 Hs.73614:U83460
 R-HEMBA1006108//ESTs//1.5e-44:228:98//Hs.26368:AA789297
 R-HEMBA1006121//ESTs//1.6e-116:547:99//Hs.34151:AI279293
 R-HEMBA1006124//EST//1.6e-20:286:64//Hs.148457:AI198931
 R-HEMBA1006130//ESTs//8.8e-47:231:99//Hs.16470:AA121635
 10 R-nnnnnnnnnnnnn//Homo sapiens mRNA for KIAA0792 protein, complete cds//8.7e-27:296:73//Hs.119387:
 AB007958
 R-HEMBA1006142//ESTs//1.5e-27:255:70//Hs.139507:T77542
 R-HEMBA1006155//ESTs//4.9e-64:353:94//Hs.84560:R41212
 R-HEMBA1006158//Deoxyuridine triphosphatase//0.99:162:62//Hs.82113:U31930
 15 R-HEMBA1006173//ESTs//7.5e-85:462:92//Hs.79092:H29627
 R-HEMBA1006182//ESTs//5.5e-29:218:72//Hs.141466:H96906
 R-HEMBA1006198//ESTs//2.1e-34:282:82//Hs.142068:AA176125
 R-HEMBA1006235//Homo sapiens clone 24422 mRNA sequence//6.9e-112:545:97//Hs.109268:AF070557
 R-HEMBA1006248//ESTs, Highly similar to ZINC FINGER PROTEIN MFG1 [Mus musculus]//3.3e-114:581:95//
 20 Hs.23617:AA928683
 R-HEMBA1006252//Human mRNA for KIAA0080 gene, partial cds//7.0e-48:284:76//Hs.74554:D38522
 R-HEMBA1006253//Homo sapiens 45kDa splicing factor mRNA, complete cds//5.7e-30:179:91//Hs.15836:
 AF083384
 R-HEMBA1006259//Homo sapiens KIAA0421 mRNA, partial cds//1.5e-45:326:84//Hs.41742:AB007881
 25 R-HEMBA1006268//ESTs, Highly similar to c-Jun leucine zipper interactive [M.musculus]//1.2e-97:529:93//Hs.
 10552:AA524401
 R-HEMBA1006272//ESTs, Moderately similar to RETROVIRUS-RELATED PROTEASE [H.sapiens]//2.7e-88:484:
 92//Hs.104129:AA923278
 R-nnnnnnnnnnnnn//H.sapiens PAP mRNA//5.2e-56:585:71//Hs.49007:X76770
 30 R-HEMBA1006283//ESTs, Weakly similar to NUCLEAR POLYADENYLATED RNA-BINDING PROTEIN NAB2 [S.
 cerevisiae]//1.6e-66:377:91//Hs.108674:W25821
 R-HEMBA1006284//ESTs//3.7e-110:544:96//Hs.55296:AI084735
 R-HEMBA1006291//ESTs//2.2e-91:457:96//Hs.114611:N37019
 R-HEMBA1006293//ESTs//5.4e-78:370:99//Hs.155111:AI202037
 35 R-HEMBA1006309//ERYTHROCYTE BAND 7 INTEGRAL MEMBRANE PROTEIN//3.7e-40:167:86//Hs.74478:
 U33931
 R-HEMBA1006310//ESTs, Weakly similar to reverse transcriptase [M.musculus]//5.6e-76:417:94//Hs.111754:
 AI204587
 R-HEMBA1006328//Small inducible cytokine A5 (RANTES)//2.8e-60:397:78//Hs.155464:AF088219
 40 R-HEMBA1006334//Human occludin mRNA, complete cds//0.72:369:59//Hs.93518:U49184
 R-HEMBA1006344//Human plectin (PLEC1) mRNA, complete cds//0.016:217:64//Hs.79706:U53204
 R-HEMBA1006347//ESTs, Highly similar to HYPOTHETICAL 97.6 KD PROTEIN IN SHP1-SEC17 INTERGENIC
 REGION [Saccharomyces cerevisiae]//3.6e-119:582:97//Hs.42343:AI417075
 R-HEMBA1006349//ESTs//5.2e-57:305:94//Hs.6338:AA411382
 45 R-HEMBA1006359//ESTs//8.2e-90:426:99//Hs.100873:AA678008
 R-HEMBA1006364//ESTs//2.2e-98:582:91//Hs.23837:AA541787
 R-HEMBA1006377//EST//0.0097:145:621//Hs.133027:AI049830
 R-HEMBA1006380//Homo sapiens mRNA for KIAA0594 protein, partial cds//1.0e-41:349:79//Hs.154872:
 AB011166
 50 R-HEMBA1006381//ESTs//5.1e-46:320:85//Hs.37573:H59651
 R-HEMBA1006398//Human Line-1 repeat mRNA with 2 open reading frames//9.0e-87:582:84//Hs.23094:M19503
 R-HEMBA1006416//ESTs//1.5e-17:251:73//Hs.33950:AI218923
 R-HEMBA1006419//EST//8.5e-65:353:94//Hs.141309:H72778
 R-HEMBA1006421//Oxytocin receptor//1.2e-12:249:68//Hs.2820:X64878
 55 R-HEMBA1006424//ESTs, Weakly similar to pot. ORF II [H.sapiens]//6.3e-13:263:66//Hs.43127:AA258004
 R-HEMBA1006426//ESTs//6.5e-84:401:99//Hs.37303:C16964
 R-HEMBA1006438//EST//0.87:266:57//Hs.99456:AA457380
 R-HEMBA1006445//ESTs//2.0e-81:414:96//Hs.58153:W72033

R-HEMBA1006446//Homo sapiens mRNA for cadherin-6, complete cds//1.6e-05:487:58//Hs.32963:D31784
 R-HEMBA1006461//ESTs//5.1e-78:393:97//Hs.142677:R95895
 R-HEMBA1006467//ESTs, Weakly similar to putative p150 [H.sapiens]//3.0e-17:342:63//Hs.111730:AA604403
 R-HEMBA1006471//ESTs//3.8e-66:370:92//Hs.14063:T77441
 5 R-HEMBA1006474
 R-HEMBA1006483//Human G protein-coupled receptor (STRL22) mRNA, complete cds//4.2e-40:365:78//Hs.46468:U45984
 R-HEMBA1006485//H.sapiens mRNA for aminopeptidase//2.5e-92:517:91//Hs.132243:Y07701
 R-HEMBA1006486//EST//7.0e-47:240:76//Hs.161917:AA483223
 10 R-HEMBA1006489//ESTs//2.1e-93:440:99//Hs.125264:AA873350
 R-HEMBA1006492//ESTs//0.00034:52:90//Hs.163219:AA810720
 R-HEMBA1006494//EST//1.8e-06:192:67//Hs.141401:H93387
 R-HEMBA1006497//ESTs//6.2e-45:232:97//Hs.118015:N33117
 R-HEMBA1006502//Complement component 5 receptor 1 (C5a ligand)//8.7e-16:135:72//Hs.2161:M62505
 15 R-HEMBA1006507//Homo sapiens mRNA for KIAA0666 protein, partial cds//3.9e-117:570:96//Hs.153858:AB014566
 R-HEMBA1006521//ESTs//9.9e-99:496:96//Hs.64906:AA677300
 R-HEMBA1006530//ESTs//0.18:260:60//Hs.24970:AI057628
 R-HEMBA1006535//GS1 PROTEIN//0.52:267:62//Hs.78991:M86934
 20 R-HEMBA1006540//EST//0.016:143:66//Hs.148189:AA897331
 R-HEMBA1006546//Homo sapiens mRNA for KIAA0582 protein, partial cds//2.2e-48:287:91//Hs.79507:AB011154
 R-HEMBA1006559//ESTs, Moderately similar to neurodegeneration-associated protein 1 [R.norvegicus]//1.8e-109:547:96//Hs.21122:AA191594
 R-HEMBA1006562//EST//1.1e-13:327:63//Hs.149641:AI283064
 25 R-HEMBA1006566//ESTs//2.6e-59:311:97//Hs.146014:R51876
 R-HEMBA1006569//ESTs//4.7e-89:458:96//Hs.42861:W74725
 R-HEMBA1006579//ESTs//2.9e-19:110:99//Hs.126191:AA873876
 R-HEMBA1006583//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//9.5e-29:276:76//Hs.144563:AF057280
 30 R-HEMBA1006595//ESTs//1.3e-96:487:96//Hs.43228:N67390
 R-HEMBA1006597//Small inducible cytokine A5 (RANTES)//9.8e-44:291:85//Hs.155464:AF088219
 R-HEMBA1006612
 R-nnnnnnnnnnnn//ESTs//1.2e-25:225:80//Hs.138852:AA284247
 R-HEMBA1006624//ESTs//1.9e-93:454:98//Hs.72531:AA773630
 35 R-HEMBA1006631//Human mRNA for KIAA0033 gene, partial cds//7.5e-60:286:90//Hs.22271:D26067
 R-HEMBA1006635//ESTs, Moderately similar to !!!! ALU SUBFAMILY SP WARNING ENTRY !!!! [H.sapiens]//2.7e-91:426:100//Hs.139469:AI299889
 R-HEMBA1006639//ESTs, Highly similar to POLYADENYLATE-BINDING PROTEIN [Homo sapiens]//3.4e-37:186:100//Hs.109818:AA411185
 40 R-HEMBA1006643//ESTs//1.8e-35:189:97//Hs.139640:AA846777
 R-HEMBA1006648//Homo sapiens integrin-linked kinase (ILK) mRNA, complete cds//8.1e-108:567:94//Hs.6196:U40282
 R-HEMBA1006652//ESTs//7.6e-100:536:93//Hs.142613:AA129427
 R-HEMBA1006653//ESTs//2.0e-33:181:87//Hs.153599:AI282511
 45 R-HEMBA1006665//EST//1.2e-13:141:72//Hs.145596:AI263102
 R-HEMBA1006674//ESTs//3.1e-32:212:83//Hs.95115:AA206594
 R-HEMBA1006676//ESTs//2.6e-95:510:93//Hs.39140:AI041842
 R-HEMBA1006682//EST//1.4e-05:277:62//Hs.145762:AI269435
 R-HEMBA1006695//Homo sapiens apoptotic protease activating factor 1 (Apaf-1) mRNA, complete cds//1.9e-32:261:79//Hs.77579:AF013263
 50 R-HEMBA1006696//ESTs//4.5e-95:448:99//Hs.155694:AI032695
 R-HEMBA1006708//ESTs, Weakly similar to Miller-Dieker lissencephaly gene [H.sapiens]//1.1e-92:483:94//Hs.6525:AI205313
 R-HEMBA1006709//ESTs//3.4e-25:207:80//Hs.88617:AA872062
 55 R-HEMBA1006717
 R-HEMBA1006737//EST//5.9e-30:317:75//Hs.140568:AA826002
 R-HEMBA1006744//Interleukin 10//3.7e-41:419:74//Hs.2180:M57627
 R-HEMBA1006754//ESTs//1.2e-46:276:83//Hs.141254:AI334099

R-HEMBA1006758//ESTs//0.00043:48:100//Hs.157265:AA489646
 R-HEMBA1006767//EST//0.094:120:65//Hs.159873:R92763
 R-HEMBA1006779//EST//9.3e-45:298:85//Hs.149580:AI281881
 R-HEMBA1006780//ESTs//1.6e-46:423:77//Hs.141602:N63562
 5 R-HEMBA1006789//ESTs//7.6e-55:245:95//Hs.6459:AI092936
 R-HEMBA1006795//ESTs//8.6e-47:315:78//Hs.140491:W52705
 R-HEMBA1006796//ESTs//0.26:175:65//Hs.103280:AI334978
 R-HEMBA1006807//Homo sapiens DEC-205 mRNA, complete cds//5.7e-47:461:75//Hs.153563:AF011333
 R-HEMBA1006821//ESTs//3.5e-12:222:68//Hs.150439:AI016305
 10 R-HEMBA1006824//Homo sapiens mRNA, clone:RES4-16//6.7e-51:298:90//Hs.121493:D25272
 R-HEMBA1006832//ESTs//0.0050:108:70//Hs.12853:T65556
 R-HEMBA1006849//Human mRNA for KIAA0118 gene, partial cds//2.1e-49:367:83//Hs.154326:D42087
 R-HEMBA1006865//ESTs//0.85:112:63//Hs.116430:AA644665
 R-nnnnnnnnnnnn//Homo sapiens mRNA for KIAA0772 protein, complete cds//1.8e-67:611:74//Hs.15519:
 15 AB018315
 R-HEMBA1006885//ESTs//2.4e-66:347:96//Hs.100624:N95453
 R-HEMBA1006900//ESTs//2.7e-91:466:96//Hs.32984:R89739
 R-HEMBA1006921//ESTs//2.2e-33:170:100//Hs.152277:AA593117
 R-HEMBA1006926//ESTs, Weakly similar to ZK1053.6 [C.elegans]//2.9e-28:213:84//Hs.9096:AA029400
 20 R-HEMBA1006929//ESTs//4.0e-13:210:66//Hs.100895:AA479308
 R-HEMBA1006936//ESTs//3.9e-05:60:93//Hs.8737:W22712
 R-HEMBA1006938//EST//0.0021:244:62//Hs.144237:W52382
 R-HEMBA1006941//Homo sapiens mRNA for putative thioredoxin-like protein//6.5e-77:371:98//Hs.42644:
 AJ010841
 25 R-HEMBA1006949//ESTs//1.2e-67:335:98//Hs.25780:R51321
 R-HEMBA1006973//ESTs//0.029:242:61//Hs.146074:N34457
 R-HEMBA1006976//EST//0.70:206:61//Hs.147092:AI189827
 R-HEMBA1006993//Human mRNA for KIAA0327 protein, complete cds//2.6e-47:368:80//Hs.149323:AB002325
 R-HEMBA1006996//ESTs//0.027:326:58//Hs.105008:AA451679
 30 R-HEMBA1007002//ESTs//0.13:116:66//Hs.26928:Z41440
 R-HEMBA1007017//ESTs//4.3e-47:208:87//Hs.155243:N70293
 R-HEMBA1007018//ESTs, Moderately similar to LIC-2 [R.norvegicus]//2.8e-112:558:96//Hs.107905:AI248363
 R-HEMBA1007045
 R-HEMBA1007051//ESTs//2.5e-39:321:80//Hs.146811:AA410788
 35 R-HEMBA1007052//EST//3.4e-41:377:74//Hs.44634:N34839
 R-HEMBA1007062//ESTs//1.2e-92:439:99//Hs.162882:AA807140
 R-HEMBA1007066//ESTs//0.85:204:61//Hs.22795:AI208272
 R-HEMBA1007073//ESTs//6.6e-52:362:85//Hs.30821:AI096866
 R-HEMBA1007078//EST, Moderately similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.sapiens]//7.2e-
 40 40:163:83//Hs.152369:AA504818
 R-HEMBA1007085//ESTs//8.1e-103:519:96//Hs.90638:AI348087
 R-HEMBA1007087//ESTs//3.1e-51:354:86//Hs.6449:W95025
 R-HEMBA1007112//EST//0.090:328:59//Hs.136623:AA633597
 R-HEMBA1007113//Homo sapiens mRNA, clone:RES4-16//1.1e-47:427:76//Hs.121493:D25272
 45 R-HEMBA1007129//ESTs//6.1e-13:314:65//Hs.137538:AA769438
 R-HEMBA1007147
 R-HEMBA1007149//ESTs//9.7e-103:540:94//Hs.127240:AA149818
 R-HEMBA1007151//ESTs//8.2e-102:505:96//Hs.24948:AA977674
 R-nnnnnnnnnnnn//Homo sapiens epsin 2b mRNA, complete cds//1.6e-104:529:94//Hs.22396:AF062085
 50 R-HEMBA1007178//ESTs//2.2e-57:366:90//Hs.21648:AI302954
 R-HEMBA1007194//ESTs//9.0e-68:336:98//Hs.49760:AA741051
 R-HEMBA1007203//Homo sapiens mRNA for KIAA0214 protein, complete cds//1.7e-62:332:95//Hs.3363:D86987
 R-HEMBA1007206//Human c-yes-1 mRNA//4.5e-49:390:80//Hs.75680:M15990
 R-HEMBA1007224//Homo sapiens mRNA for KIAA0797 protein, partial cds//7.4e-98:471:97//Hs.27197:
 55 AB018340
 R-HEMBA1007251//ESTs//1.6e-78:377:99//Hs.98912:AA436864
 R-HEMBA1007256//ESTs//3.5e-20:127:79//Hs.137352:AA024934
 R-HEMBA1007267//Homo sapiens KIAA0395 mRNA, partial cds//8.8e-48:343:83//Hs.43681:AL022394

R-HEMBA1007273//ESTs//1.0e-98:472:98//Hs.122610:AA807062
 R-HEMBA1007279//ESTs//3.3e-107:558:94//Hs.126480:AI221207
 R-HEMBA1007281//EST//0.074:244:63//Hs.29304:R73543
 R-HEMBA1007288//EST//9.4e-43:344:81//Hs.162112:AA524804
 5 R-HEMBA1007300//ESTs//0.096:371:57//Hs.102680:N52990
 R-HEMBA1007301
 R-HEMBA1007319//ESTs//7.7e-113:570:96//Hs.29263:AI337917
 R-HEMBA1007320//ESTs, Moderately similar to hypothetical protein 2 [H.sapiens]//5.5e-15:311:64//Hs.142764:AA205569
 10 R-HEMBA1007322//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//5.7e-49:383:83//Hs.139107:K00629
 R-HEMBA1007327//Human melanoma antigen recognized by T-cells (MART-1) mRNA//1.9e-42:371:79//Hs.154069:U06452
 R-HEMBA1007341//EST//3.0e-17:291:68//Hs.150788:AI301848
 15 R-HEMBA1007342//EST//2.7e-11:263:67//Hs.145259:AI218684
 R-HEMBA1007347//Homo sapiens DEC-205 mRNA, complete cds//9.7e-47:368:82//Hs.153563:AF011333
 R-HEMBA1000005//ESTs, Weakly similar to putative p150 [H.sapiens]//3.3e-44:341:71//Hs.111730:AA604403
 R-HEMBA1000008//Homo sapiens tumor necrosis factor superfamily member LIGHT mRNA, complete cds//3.2e-40:292:83//Hs.129708:AF064090
 20 R-HEMBA1000018//H.sapiens mRNA for urea transporter//5.0e-49:311:87//Hs.66710:X96969
 R-HEMBA1000024//ESTs//7.5e-21:234:76//Hs.157049:AI345418
 R-HEMBA1000025//ESTs//2.2e-36:371:78//Hs.56562:AA056332
 R-HEMBA1000030//ESTs//3.2e-76:373:97//Hs.140190:AA701449
 R-HEMBA1000036//ESTs, Highly similar to HYPOTHETICAL 43.2 KD PROTEIN C34E10.1 IN CHROMOSOME
 25 III [Caenorhabditis elegans]//6.0e-92:477:95//Hs.4877:AA418465
 R-HEMBA1000037//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds//2.5e-92:467:97//Hs.20815:AF084928
 R-HEMBA1000039//ESTs//1.8e-43:361:71//Hs.108206:N64702
 R-HEMBA1000044//EST//7.6e-70:367:95//Hs.140860:R42954
 30 R-HEMBA1000048//EST//1.5e-45:262:91//Hs.157627:AI357802
 R-HEMBA1000050//ESTs//0.039:91:74//Hs.163189:AA236903
 R-HEMBA1000054//ESTs//3.0e-104:550:94//Hs.152395:AA533107
 R-HEMBA1000055//ESTs, Moderately similar to UBIQUINOL-CYTOCHROME C REDUCTASE COMPLEX SUB-UNIT VI REQUIRING PROTEIN [H.sapiens]//1.1e-72:350:99//Hs.116490:AA659584
 35 R-HEMBA1000059//ESTs//1.7e-10:200:70//Hs.163954:N57939
 R-HEMBA1000083//Homo sapiens mRNA for GCP170, complete cds//6.0e-41:337:80//Hs.4953:D63997
 R-HEMBA1000089//Human mRNA for KIAA0355 gene, complete cds//3.5e-39:487:70//Hs.153014:AB002353
 R-HEMBA1000099//ESTs//5.7e-37:353:75//Hs.22910:W18193
 R-HEMBA1000103//Homo sapiens mRNA for KIAA0640 protein, partial cds//6.5e-18:298:69//Hs.153026:AB014540
 40 R-HEMBA1000113//EST//8.2e-94:437:100//Hs.136893:AA805239
 R-HEMBA1000119//Homo sapiens ASMTL gene//1.2e-84:428:95//Hs.6315:Y15521
 R-HEMBA1000136//ESTs//0.043:262:59//Hs.61304:AA025692
 R-HEMBA1000141//ESTs//5.0e-38:254:79//Hs.141658:N77915
 45 R-HEMBA1000144//ESTs//9.6e-05:235:60//Hs.61700:AA033951
 R-HEMBA1000173//EST//9.6e-44:258:76//Hs.161917:AA483223
 R-HEMBA1000175//ESTs//4.8e-98:475:97//Hs.149740:AI199558
 R-HEMBA1000198//ESTs//1.0:123:62//Hs.116602:AA665965
 R-HEMBA1000215//Human mRNA for KIAA0355 gene, complete cds//2.2e-46:302:86//Hs.153014:AB002353
 50 R-HEMBA1000217//ESTs//2.2e-105:496:99//Hs.65973:AI339364
 R-HEMBA1000218//Homo sapiens DNA fragmentation factor 40 kDa subunit (DFF40) mRNA, complete cds//1.1e-48:292:79//Hs.133089:AF064019
 R-HEMBA1000227//ESTs, Weakly similar to HYPOTHETICAL 37.0 KD PROTEIN B0495.8 IN CHROMOSOME II [C.elegans]//5.1e-73:449:89//Hs.16803:AA843214
 55 R-HEMBA1000240//ESTs//1.1e-109:536:97//Hs.13528:AA523106
 R-HEMBA1000244//Small inducible cytokine A5 (RANTES)//9.5e-42:323:83//Hs.155464:AF088219
 R-HEMBA1000250//EST//8.8e-12:284:64//Hs.145960:AI276783
 R-HEMBA1000258//EST//4.5e-14:315:66//Hs.162551:AA584782

R-HEMBB1000264
 R-HEMBB1000266//ESTs, Weakly similar to similar to the beta transducin family [C.elegans]//2.7e-102:556:93//
 Hs.16079:AA083522
 R-HEMBB1000272//ESTs//4.3e-91:480:94//Hs.107467:H11385
 5 R-HEMBB1000274//Homo sapiens mRNA for KIAA0557 protein, partial cds//7.9e-24:198:72//Hs.101414:
 AB011129
 R-HEMBB1000284//ESTs//4.8e-64:389:91//Hs.118043:N50458
 R-HEMBB1000307//Human mRNA for KIAA0355 gene, complete cds//3.6e-43:288:87//Hs.153014:AB002353
 R-HEMBB1000312//ESTs//6.0e-23:272:73//Hs.121354:AA758601
 10 R-HEMBB1000317//ESTs//7.5e-90:424:99//Hs.150042:AI298034
 R-HEMBB1000318//Small inducible cytokine A5 (RANTES)//3.3e-41:318:80//Hs.155464:AF088219
 R-HEMBB1000335//ESTs//3.7e-15:324:65//Hs.85077:AA968576
 R-HEMBB1000336//ESTs//6.4e-76:402:95//Hs.17207:H92480
 R-HEMBB-1000337//ESTs//2.1e-80:391:97//Hs.118990:AI378084
 15 R-HEMBB1000338//Small inducible cytokine A5 (RANTES)//4.0e-39:274:85//Hs.155464:AF088219
 R-HEMBB1000339//EST//5.8e-41:336:79//Hs.151873:AA205736
 R-HEMBB1000341//ESTs//3.8e-19:310:68//Hs.37573:H59651
 R-HEMBB1000343//EST//1.1e-77:396:95//Hs.162664:AA605020
 R-HEMBB1000354//Human mRNA for KIAA0186 gene, complete cds//1.7e-15:293:65//Hs.36232:D80008
 20 R-HEMBB1000369//ESTs//1.6e-21:234:73//Hs.111583:AA463590
 R-HEMBB1000374//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//2.3e-56:335:77//Hs.
 92381:AB007956
 R-HEMBB1000376//H.sapiens mRNA for urea transporter//2.7e-50:525:74//Hs.66710:X96969
 R-HEMBB1000391//ESTs//6.6e-50:316:88//Hs.142259:AA828840
 25 R-HEMBB1000399//Homo sapiens mRNA for cell cycle checkpoint protein//3.8e-109:531:97//Hs.16184:AJ001642
 R-HEMBB1000402//H.sapiens mRNA for MACH-alpha-2 protein//2.7e-35:369:72//Hs.19949:X98173
 R-HEMBB1000404//ESTs//0.088:298:59//Hs.61607:AA032026
 R-HEMBB1000420//EST//2.2e-78:376:98//Hs.160787:AI336591
 R-HEMBB1000434//Human mRNA for KIAA0118 gene, partial cds//3.9e-50:302:89//Hs.154326:D42087
 30 R-HEMBB1000438//ESTs, Weakly similar to !!!! ALU CLASS B WARNING ENTRY !!!! [H.sapiens]//0.30:214:63//
 Hs.142209:AA873303
 R-HEMBB1000441//Human c-yes-1 mRNA//2.2e-46:280:90//Hs.75680:M15990
 R-HEMBB1000449//ESTs//7.8e-59:332:92//Hs.87013:AA130221
 R-HEMBB1000455//EST//4.8e-14:421:65//Hs.68832:AA088438
 35 R-HEMBB1000472//ESTs//1.1e-104:505:98//Hs.132824:AI033396
 R-HEMBB1000480//Human mRNA for KIAA0392 gene, partial cds//2.5e-49:295:90//Hs.40100:AB002390
 R-HEMBB1000487//EST//0.78:87:68//Hs.134601:AI081506
 R-HEMBB1000490//Small inducible cytokine A5 (RANTES)//4.0e-39:320:80//Hs.155464:AF088219
 R-HEMBB1000491//Homo sapiens PYRIN (MEFV) mRNA, complete cds//3.7e-50:312:76//Hs.113283:AF018080
 40 R-HEMBB1000493//ESTs//7.1e-18:150:82//Hs.142068:AA176125
 R-HEMBB1000510//EST//1.4e-45:139:97//Hs.152260:AA489703
 R-HEMBB1000518//Human mRNA for KIAA0118 gene, partial cds//4.8e-50:415:78//Hs.154326:D42087
 R-HEMBB1000523//Homo sapiens PYRIN (MEFV) mRNA, complete cds//2.7e-57:497:78//Hs.113283:AF018080
 R-HEMBB1000530//ESTs//2.7e-73:425:90//Hs.141254:AI334099
 45 R-HEMBB1000550//EST//2.9e-11:113:79//Hs.161503:N68662
 R-HEMBB1000554//Human huntingtin interacting protein (HIP1) mRNA, complete cds//8.2e-13:92:81//Hs.97206:
 AF052288
 R-HEMBB1000556//ESTs//1.1e-94:529:92//Hs.33476:N36986
 R-HEMBB1000564//ESTs//1.3e-19:128:91//Hs.142058:N34258
 50 R-HEMBB1000573//ESTs//1.6e-86:494:90//Hs.120979:AI160709
 R-HEMBB1000575//ESTs//1.6e-45:232:74//Hs.141019:AA287618
 R-HEMBB1000586//ESTs//5.1e-42:281:83//Hs.138852:AA284247
 R-HEMBB1000589//ESTs//1.0e-10:184:71//Hs.142677:R95895
 R-HEMBB1000591//ESTs//3.2e-40:406:75//Hs.138787:H73704
 55 R-HEMBB1000592//ESTs//1.8e-97:455:99//Hs.94229:W65391
 R-HEMBB1000598//Human anti secretory factor-1 mRNA, complete cds//1.8e-46:305:85//Hs.148495:AF050199
 R-HEMBB1000623//ESTs//8.3e-47:277:92//Hs.6045:W67125
 R-HEMBB1000630//ESTs//5.1e-106:538:96//Hs.13422:AI082249

R-HEMBB1000631//ESTs//5.1e-100:508:96//Hs.110379:N58152
 R-HEMBB1000632//ESTs//6.2e-44:371:80//Hs.132722:AA618531
 R-HEMBB1000637//Human mRNA for KIAA0080 gene, partial cds//6.4e-49:254:86//Hs.74554:D38522
 R-HEMBB1000638//EST//2.2e-38:371:76//Hs.162236:AA551582
 5 R-HEMBB1000643//ESTs//0.0049:191:62//Hs.55445:W31963
 R-HEMBB1000649//ESTs, Moderately similar to hTAFII68 [H.sapiens]//4.0e-76:399:95//Hs.124106:AA948100
 R-HEMBB1000652//ESTs//1.5e-14:271:64//Hs.163954:N57939
 R-HEMBB1000665//ESTs//4.2e-12:109:87//Hs.41407:W94988
 R-HEMBB1000671//ESTs//2.8e-68:439:87//Hs.140491:W52705
 10 R-HEMBB1000673//EST//0.58:46:82//Hs.142286:AA338293
 R-HEMBB1000684//ESTs//8.5e-20:307:72//Hs.122825:AA765454
 R-HEMBB1000684//ESTs, Moderately similar to hTAFII68 [H.sapiens]//4.0e-76:399:95//Hs.124106:AA948100
 R-HEMBB1000705//Small inducible cytokine A5 (RANTES)//4.6e-24:165:78//Hs.155464:AF088219
 R-HEMBB1000706//EST//1.2e-10:211:65//Hs.105524:AA521412
 15 R-HEMBB1000709//ESTs, Weakly similar to putative p150 [H.sapiens]//3.9e-50:245:99//Hs.111730:AA604403
 R-HEMBB1000725//Human mRNA for KIAA0308 gene, partial cds//0.11:350:59//Hs.10351:AB002306
 R-HEMBB1000726//EST//5.3e-49:303:88//Hs.149580:AI281881
 R-HEMBB100073 8//Homo sapiens mRNA, clone:RES4-16//2.5e-49:302:89//Hs.121493:D25272
 R-HEMBB1000749//ESTs//1.6e-49:331:86//Hs.152788:AA630925
 20 R-HEMBB1000763//ESTs//9.7e-104:474:95//Hs.77480:AA100522
 R-HEMBB1000770//EST//1.0e-75:359:99//Hs.136564:AA642445
 R-HEMBB1000781//ESTs//5.3e-66:317:99//Hs.28827:AI125541
 R-HEMBB1000789//ESTs//5.9e-83:394:99//Hs.120842:AA435771
 R-HEMBB1000790//PLATELET GLYCOPROTEIN V PRECURSOR//1.3e-37:193:75//Hs.73734:Z23091
 25 R-HEMBB1000794//ESTs//7.1e-98:490:96//Hs.105743:AA532718
 R-HEMBB1000807//ESTs//2.6e-22:145:92//Hs.53913:AA908961
 R-HEMBB1000810//Small inducible cytokine A5 (RANTES)//1.8e-34:206:79//Hs.155464:AF088219
 R-HEMBB1000821//ESTs//2.4e-90:425:99//Hs.118659:AI052447
 R-HEMBB1000822//ESTs//1.7e-45:288:89//Hs.24130:R27124
 30 R-HEMBB1000826//Small inducible cytokine A5 (RANTES)//2.9e-51:245:82//Hs.155464:AF088219
 R-HEMBB1000827//EST//2.8e-40:295:84//Hs.149580:AI281881
 R-HEMBB1000831//ESTs//4.0e-59:291:98//Hs.62675:AA044176
 R-HEMBB1000835//ESTs//7.3e-21:124:82//Hs.102671:N52545
 R-HEMBB1000840//ATPase, Na⁺/K⁺ transporting, beta 2 polypeptide//1.3e-43:163:84//Hs.78854:AF007876
 35 R-HEMBB1000848//Homo sapiens mRNA for KIAA0565 protein, complete cds//9.5e-41:367:78//Hs.129740:AB011137
 R-HEMBB1000852//EST//1.2e-09:188:70//Hs.127869:AA968599
 R-HEMBB1000870//Cytochrome P450, 51 (lanosterol 14-alpha-demethylase)//1.0e-41:483:73//Hs.2379:U23942
 R-HEMBB1000876//EST//0.0022:211:63//Hs.125552:AA884141
 40 R-HEMBB1000883//ESTs//1.4e-65:343:95//Hs.98269:H27247
 R-HEMBB1000887//ESTs//4.0e-22:212:79//Hs.138965:AI004740
 R-HEMBB1000888//EST//8.2e-07:196:64//Hs.118276:W15258
 R-HEMBB1000890//ISLET AMYLOID POLYPEPTIDE PRECURSOR//1.1e-46:327:83//Hs.51048:X68830
 R-HEMBB1000893//EST//4.7e-34:242:85//Hs.149580:AI281881
 45 R-HEMBB1000908//EST//0.95:27:100//Hs.142568:AA285066
 R-HEMBB1000910//ESTs//1.9e-36:318:78//Hs.141140:AA715983
 R-HEMBB1000913//Human mRNA for KIAA0327 protein, complete cds//2.5e-33:367:73//Hs.149323:AB002325
 R-HEMBB1000915//ESTs//0.00018:188:61//Hs.44847:AI222742
 R-HEMBB1000917//Homo sapiens KIAA0414 mRNA, partial cds//3.7e-41:228:84//Hs.127649:AB007874
 50 R-HEMBB1000927//ESTs//2.2e-62:307:98//Hs.97044:AA365784
 R-HEMBB1000947//ESTs, Weakly similar to F26E4.13 [C.elegans]//3.3e-60:350:91//Hs.49163:AA532881
 R-HEMBB1000959//Human Line-1 repeat mRNA with 2 open reading frames//8.1e-84:546:86//Hs.23094:MI9503
 R-HEMBB1000973//ESTs//6.8e-95:445:99//Hs.105859:AI419354
 R-HEMBB1000975//ESTs//1.2e-39:197:100//Hs.26176:AI032007
 55 R-HEMBB1000981//EST//7.7e-58:284:98//Hs.60179:AA007242
 R-HEMBB1000985//ESTs//1.2e-103:524:95//Hs.43102:AA131369
 R-HEMBB1000991//EST//0.99:58:72//Hs.100246:T23625
 R-HEMBB1000996//Homo sapiens LIM protein mRNA, complete cds//1.3e-41:482:70//Hs.154103:AF061258

EP 1 074 617 A2

R-HEM BB1001004//ESTs//5.7e-70:362:95//Hs.6434:W27112
 R-HEM BB1001008//ESTs, Weakly similar to hypothetical L1 protein [H.sapiens]//2.3e-25:339:71//Hs.129992:
 H58762
 R-HEM BB1001011//ESTs//4.0e-53:325:92//Hs.33268:AI191214
 5 R-HEM BB1001014//ESTs//1.3e-46:323:83//Hs.163980:AA715814
 R-HEM BB1001020//Homo sapiens PYRIN (MEFV) mRNA, complete cds//3.0e-46:305:76//Hs.113283:AF018080
 R-HEM BB1001024//ESTs//8.5e-47:374:80//Hs.141602:N63562
 R-HEM BB1001037//ESTs//2.6e-47:282:91//Hs.155384:Z78385
 R-HEM BB1001047//EST//6.2e-33:232:74//Hs.160146:AI049975
 10 R-HEM BB1001051//ESTs//3.7e-79:385:98//Hs.95290:AA046107
 R-HEM BB1001056//Homo sapiens mRNA for KIAA0618 protein, complete cds//1.1e-87:497:91//Hs.15832:
 AB014518
 R-HEM BB1001058//Homo sapiens mRNA for KIAA0475 protein, complete cds//2.2e-26:125:81//Hs.5737:
 AB007944
 15 R-HEM BB1001060//ESTs//1.9e-37:541:69//Hs.141534:N64785
 R-HEM BB1001063//ESTs//4.7e-42:269:88//Hs.55855:AA621381
 R-HEM BB1001068//Homo sapiens liprin-beta2 mRNA, partial cds//9.1e-107:512:97//Hs.12953:AF034803
 R-HEM BB1001096//Human HsLIM15 mRNA for HsLIM15, complete cds//1.2e-20:233:70//Hs.37181:D64108
 R-HEM BB1001102//Human mRNA for KIAA0355 gene, complete cds//9.1e-40:299:82//Hs.153014:AB002353
 20 R-HEM BB1001105//Homo sapiens PYRIN (MEFV) mRNA, complete cds//4.8e-46:296:87//Hs.113283:AF018080
 R-HEM BB1001114//ESTs//6.2e-44:293:86//Hs.70279:AA757426
 R-HEM BB1001117//ESTs//1.1e-80:471:90//Hs.61935:T75092
 R-HEM BB1001119//ESTs//4.0e-38:213:84//Hs.109140:AI289942
 R-HEM BB1001126
 25 R-HEM BB1001133//Human SS-A/Ro ribonucleoprotein autoantigen 60 kd subunit mRNA, complete cds//1.6e-24:
 285:73//Hs.554:M25077
 R-HEM BB1001137//ESTs//4.6e-10:66:100//Hs.74924:AI332962
 R-HEM BB1001142//EST//6.4e-48:315:85//Hs.149580:AI281881
 R-HEM BB1001151
 30 R-HEM BB1001153//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.3e-
 65:331:96//Hs.154179:AA579197
 R-HEM BB1001169//Oxytocin receptor//1.5e-25:165:73//Hs.2820:X64878
 R-nnnnnnnnnnnn//ESTs//3.5e-41:233:93//Hs.129218:AA991162
 R-HEM BB1001177
 35 R-HEM BB1001182//ESTs//1.9e-86:455:95//Hs.6937:AA524349
 R-HEM BB1001199
 R-HEM BB1001208//ESTs//3.3e-43:216:99//Hs.121806:N71183
 R-HEM BB1001209//ESTs//6.7e-80:409:96//Hs.141185:R99549
 R-HEM BB1001210//ESTs//2.2e-46:290:88//Hs.103329:D11573
 40 R-HEM BB1001218//Kangai 1 (suppression of tumorigenicity 6, prostate; CD82 antigen (R2 leukocyte antigen,
 antigen detected by monoclonal and antibody IA4))//3.1e-44:298:87//Hs.103458:X53795
 R-HEM BB1001221//ESTs//9.4e-75:353:100//Hs.151504:AA550817
 R-HEM BB1001234//ESTs, Highly similar to 65 KD YES-ASSOCIATED PROTEIN [Gallus gallus]//3.8e-80:400:96//
 Hs.71873:AA148213
 45 R-HEM BB1001242//ESTs//1.6e-63:404:87//Hs.25534:AA149560
 R-HEM BB1001249//ESTs//3.8e-34:360:70//Hs.150727:AI292236
 R-HEM BB1001253//EST//0.0011:84:77//Hs.124579:AA853987
 R-HEM BB1001254//ESTs//4.5e-95:444:99//Hs.161059:AI431268
 R-HEM BB1001267//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//1.3e-50:524:73//Hs.
 50 159897:AB007970
 R-HEM BB1001271//Human mRNA for KIAA0118 gene, partial cds//4.0e-45:323:84//Hs.154326:D42087
 R-HEM BB1001282//EST//2.9e-78:401:96//Hs.72871:AA169412
 R-HEM BB1001288//ESTs, Highly similar to HYPOTHETICAL 27.3 KD PROTEIN ZK353.7 IN CHROMOSOME III
 [Caenorhabditis elegans]//2.6e-104:515:97//Hs.16606:W81021
 55 R-HEM BB1001289//ESTs//7.8e-45:440:75//Hs.44702:AI148840
 R-HEM BB1001294//ESTs//1.9e-100:476:99//Hs.109017:AI057112
 R-HEM BB1001302
 R-HEM BB1001304//ESTs//4.0e-92:431:99//Hs.113750:AI091154

EP 1 074 617 A2

R-HEMBB1001314//Interleukin 10//6.3e-41:334:79//Hs.2180:M57627
 R-HEMBB1001315//Interleukin 10//1.9e-43:285:87//Hs.2180:M57627
 R-HEMBB1001317//Human cytochrome P450-IIB (hIIB3) mRNA, complete cds//8.4e-45:357:81//Hs.110194:M29873
 5 R-HEMBB1001326//ESTs//0.85:174:62//Hs.133487:AI393754
 R-HEMBB1001331//ESTs, Weakly similar to DFS70 [H.sapiens]//6.5e-61:313:96//Hs.43071:AA206222
 R-HEMBB1001335//EST//5.2e-80:381:99//Hs.116769:AA630365
 R-HEMBB1001337//ESTs//2.7e-84:404:99//Hs.148966:AI242639
 R-HEMBB1001339//ESTs//2.1e-97:485:96//Hs.88357:AA262470
 10 R-HEMBB1001346
 R-HEMBB1001348//ESTs//1.1e-43:295:85//Hs.163604:R94354
 R-HEMBB1001356//EST//6.0e-11:89:88//Hs.152366:AA486721
 R-HEMBB1001364//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.0e-12:129:79//Hs.9792:AA027055
 15 R-HEMBB1001366//Human mRNA for KIAA0118 gene, partial cds//1.2e-50:550:72//Hs.154326:D42087
 R-HEMBB1001367//ESTs//1.2e-19:165:82//Hs.146314:R99617
 R-HEMBB1001369//Small inducible cytokine A5 (RANTES)//1.9e-25:217:80//Hs.155464:AF088219
 R-HEMBB1001380//ESTs//4.0e-08:216:63//Hs.143763:AI174205
 R-HEMBB1001384//ESTs//6.6e-110:547:96//Hs.6671:AI341699
 20 R-HEMBB1001387//ESTs//1.1e-104:497:98//Hs.87654:AA853970
 R-HEMBB1001394//ESTs//6.4e-73:428:89//Hs.139922:AA281350
 R-HEMBB1001410//Alcohol dehydrogenase 7 sigma subunit (class IV)//0.88:365:58//Hs.389:X76342
 R-HEMBB1001424//ESTs//1.3e-88:466:94//Hs.42174:AA194644
 R-HEMBB1001426//ESTs//2.2e-45:337:82//Hs.37573:H59651
 25 R-HEMBB1001429//EST//3.8e-59:543:76//Hs.158803:AI376846
 R-HEMBB1001436//ESTs//3.7e-69:332:99//Hs.156518:AA724317
 R-HEMBB1001443//ESTs//4.8e-54:270:98//Hs.21898:AI088201
 R-HEMBB1001449//ESTs//3.2e-43:170:84//Hs.150727:AI292236
 R-HEMBB1001454//ESTs//9.1e-46:304:86//Hs.139190:N55515
 30 R-HEMBB1001458//ESTs//3.2e-98:478:97//Hs.50144:N67293
 R-HEMBB1001463//Homo sapiens KIAA0421 mRNA, partial cds//4.3e-50:440:78//Hs.41742:AB007881
 R-HEMBB1001464//ESTs, Weakly similar to K01H12.1 [C.elegans]//0.25:222:61//Hs.13275:AI341468
 R-HEMBB1001482//ESTs, Moderately similar to zinc finger protein [R.norvegicus]//0.80:53:83//Hs.26799:W74481
 R-HEMBB1001500//EST//1.4e-13:310:67//Hs.162663:AA604515
 35 R-HEMBB1001521//Homo sapiens mRNA for KIAA0737 protein, complete cds//2.5e-29:186:92//Hs.17630:AB018280
 R-HEMBB1001527//ESTs, Weakly similar to HYPOTHETICAL 92.1 KD PROTEIN ZK1098.3 IN CHROMOSOME III [Caenorhabditis elegans]//4.7e-51:404:81//Hs.141429:AA631915
 R-HEMBB1001531//ESTs//3.3e-13:250:67//Hs.139158:AA226159
 40 R-HEMBB1001535//H.sapiens mRNA for sigma 3B protein//1.9e-39:291:82//Hs.154782:X99459
 R-HEMBB1001536//Human mRNA for KIAA0355 gene, complete cds//5.0e-44:318:83//Hs.153014:AB002353
 R-HEMBB1001537//Homo sapiens KIAA0409 mRNA, partial cds//3.2e-47:318:80//Hs.5158:AB007869
 R-HEMBB1001555//ESTs//2.6e-13:182:71//Hs.112671:AI377274
 R-HEMBB1001562//ESTs//1.7e-43:316:83//Hs.151365:AA643962
 45 R-HEMBB1001564//EST//1.3e-35:141:81//Hs.162197:AA53521
 R-HEMBB1001565//Human mRNA for KIAA0331 gene, complete cds//5.1e-18:152:85//Hs.146395:AB002329
 R-HEMBB1001585//ESTs//1.1e-32:190:84//Hs.33354:AA179944
 R-HEMBB1001586//ESTs//4.9e-94:447:99//Hs.124084:AA843219
 R-HEMBB1001588//EST//8.3e-27:363:69//Hs.141603:N66015
 50 R-HEMBB1001603//ESTs//1.2e-101:482:99//Hs.12403:AI090184
 R-HEMBB1001618//ESTs//5.8e-35:437:70//Hs.136868:AA805044
 R-HEMBB1001619//EST//1.7e-38:476:70//Hs.139093:AA166888
 R-HEMBB1001630//Homo sapiens mRNA, clone:RES4-16//5.7e-41:193:90//Hs.121493:D25272
 R-HEMBB1001635//ESTs//9.5e-34:304:82//Hs.140444:AI002082
 55 R-HEMBB1001637//ESTs//1.0e-42:443:74//Hs.21978:AA009633
 R-HEMBB1001641//EST//2.4e-06:67:86//Hs.162398:AA572813
 R-HEMBB1001653//ESTs//4.8e-80:381:99//Hs.140502:AA806438
 R-HEMBB1001665//ESTs//2.3e-44:372:79//Hs.132818:AI038577

R-HEMBB1001668//ESTs//0.73:212:62//Hs.8928:N32572
 R-HEMBB1001673//Homo sapiens mRNA for KIAA0646 protein, complete cds//5.9e-117:573:97//Hs.24439:AB014546
 R-HEMBB1001684//ESTs, Moderately similar to Tbcl [M.musculus]//5.4e-106:523:97//Hs.26939:AA804534
 5 R-HEMBB1001685//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.9e-43:292:86//Hs.96337:AA225358
 R-HEMBB1001695//ESTs//3.7e-101:539:94//Hs.78289:R60867
 R-HEMBB1001704//EST//0.96:248:57//Hs.163025:AA703038
 R-HEMBB1001706//ESTs//1.3e-39:308:81//Hs.141318:N71080
 10 R-HEMBB1001707//ESTs, Moderately similar to hypothetical protein 2 [H.sapiens]//4.9e-32:277:73//Hs.142764:AA205569
 R-HEMBB1001717//ESTs//1.6e-34:225:87//Hs.57883:AA218645
 R-HEMBB1001735//ESTs, Highly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG [Homo sapiens]//8.6e-11:158:71//Hs.141263:H64113
 15 R-HEMBB1001736//ESTs//0.0035:223:60//Hs.21354:AA203403
 R-HEMBB1001747//EST//9.9e-55:293:81//Hs.112866:AA620488
 R-HEMBB1001749//ESTs//2.5e-13:95:91//Hs.139888:N25287
 R-HEMBB1001753//ESTs//2.6e-07:141:70//Hs.144604:AI052059
 R-HEMBB1001756//EST//2.6e-06:165:64//Hs.121195:AA757211
 20 R-HEMBB1001760//LOW-DENSITY LIPOPROTEIN RECEPTOR PRECURSOR//1.3e-24:264:74//Hs.70008:L00352
 R-HEMBB1001762//ESTs//2.1e-81:447:93//Hs.152766:AA211369
 R-HEMBB1001785//ESTs//0.040:390:58//Hs.116651:AA993406
 R-HEMBB1001797//ESTs//2.1e-90:428:99//Hs.8958:AA169253
 25 R-HEMBB1001802//Desmin//9.9e-95:497:93//Hs.119104:M63391
 R-HEMBB1001812//ESTs//1.2e-12:91:78//Hs.138852:AA284247
 R-HEMBB1001816//Human Line-1 repeat mRNA with 2 open reading frames//5.9e-13:143:76//Hs.23094:M19503
 R-HEMBB1001831//Homo sapiens PAM COOH-terminal interactor protein 1 (PCIP1) mRNA, complete cds//5.5e-106:498:98//Hs.159396:AF056209
 30 R-HEMBB1001836//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488//9.6e-39:288:73//Hs.67619:AB007957
 R-HEMBB1001839
 R-HEMBB1001850//EST//0.020:119:68//Hs.32767:H38125
 R-HEMBB1001863//ESTs//4.5e-17:226:72//Hs.157253:AI357539
 35 R-HEMBB1001867//ESTs//2.3e-16:254:68//Hs.123664:AA806106
 R-HEMBB1001868//EST//9.8e-30:155:100//Hs.160572:AA888397
 R-HEMBB1001869//ESTs//2.8e-42:376:78//Hs.141973:N21434
 R-HEMBB1001872//EST//0.85:156:64//Hs.119501:AA487980
 R-HEMBB1001874//EST//0.64:107:70//Hs.147482:AI215572
 40 R-HEMBB1001875//EST//0.079:199:59//Hs.121810:AA775240
 R-HEMBB1001880//Thromboxane A2 receptor//9.0e-47:297:88//Hs.89887:D38081
 R-HEMBB1001899//ESTs//6.3e-68:323:100//Hs.121538:AA609310
 R-HEMBB1001905//ESTs//4.4e-19:227:73//Hs.146173:AA906191
 R-HEMBB1001906//ESTs//1.6e-90:463:95//Hs.28266:H46725
 45 R-HEMBB1001908//Homo sapiens EVI5 homolog mRNA, complete cds//3.7e-27:557:64//Hs.26929:AF008915
 R-HEMBB1001910//EST//6.0e-37:308:78//Hs.162197:AA535216
 R-HEMBB1001911//Homo sapiens tapasin (NGS-17) mRNA, complete cds//8.0e-58:367:79//Hs.5247:AF029750
 R-HEMBB1001915//ESTs//3.1e-73:395:93//Hs.17054:AI139897
 R-HEMBB1001921//Human mRNA for KIAA0392 gene, partial cds//2.7e-50:323:88//Hs.40100:AB002390
 50 R-HEMBB1001922//H.sapiens mRNA for novel member of serine-arginine domain protein, SRrp129//7.4e-38:531:70//Hs.153086:Y11251
 R-HEMBB1001925//Human mRNA for KIAA0327 protein, complete cds//9.5e-19:199:77//Hs.149323:AB002325
 R-HEMBB1001930//EST//1.9e-18:136:78//Hs.132635:AI032875
 R-HEMBB1001944//EST//0.034:228:57//Hs.93664:N23366
 55 R-HEMBB1001945//ESTs//1.8e-83:439:95//Hs.7341:N57875
 R-HEMBB1001947//ESTs//5.6e-109:533:97//Hs.48855:AA134589
 R-HEMBB1001950//ESTs//1.5e-107:583:93//Hs.8033:N94998
 R-HEMBB1001952//ESTs//3.1e-40:283:85//Hs.146811:AA410788

R-HEM BB1001953//Human mRNA for KIAA0080 gene, partial cds//6.2e-50:284:83//Hs.74554:D38522
 R-HEM BB1001957//EST//4.8e-50:382:81//Hs.149580:AI281881
 R-HEM BB1001962//ESTs//1.5e-20:143:88//Hs.11924:W26972
 R-HEM BB1001967//Homo sapiens mRNA for KIAA0575 protein, complete cds//2.3e-61:296:88//Hs.153468:
 5 AB011147
 R-HEM BB1001973//ESTs//1.4e-48:303:88//Hs.132722:AA618531
 R-HEM BB1001983//ESTs//2.6e-72:374:95//Hs.141022:H06475
 R-HEM BB1001988//ESTs//2.0e-31:204:88//Hs.142531:N91572
 R-HEM BB1001990//ESTs//9.4e-115:574:96//Hs.44426:AA173223
 10 R-HEM BB1001996
 R-HEM BB1001997//ESTs//7.6e-78:380:98//Hs.32682:H37798
 R-HEM BB1002002//Human kpni repeat mma (cdna clone pcd-kpni-8), 3' end//3.0e-18:222:71//Hs.103948:
 K00627
 R-HEM BB1002005//EST//2.2e-41:339:80//Hs.160833:AI345334
 15 R-HEM BB1002009//EST//2.9e-44:245:94//Hs.28788:R66896
 R-HEM BB1002015//EST//0.0027:198:63//Hs.160868:AI359052
 R-HEM BB1002042//ESTs//1.1e-75:529:84//Hs.106919:AA523900
 R-HEM BB1002043//ESTs//7.9e-40:292:83//Hs.70279:AA757426
 R-HEM BB1002044//ESTs//2.1e-92:460:94//Hs.115897:AA156638
 20 R-HEM BB1002045//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.6e-75:301:85//Hs.113283:AF018080
 R-HEM BB1002049//ESTs//3.8e-77:409:94//Hs.122624:R82638
 R-HEM BB1002050//ESTs//8.7e-45:330:82//Hs.44702:AI148840
 R-HEM BB1002068//ESTs//8.3e-70:333:99//Hs.134807:AI090671
 R-HEM BB1002069//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//1.5e-75:486:81//Hs.
 25 129735:AF010144
 R-HEM BB1002092//ESTs//6.5e-46:331:83//Hs.22910:W18193
 R-HEM BB1002094//EST//3.6e-45:280:88//Hs.149580:AI281881
 R-HEM BB1002115
 R-HEM BB1002139//ESTs//4.2e-45:318:85//Hs.107657:AA126814
 30 R-HEM BB1002142//Homo sapiens haemopoietic progenitor homeobox HPX42B (HPX42B) mRNA, complete cds//
 1.4e-45:281:88//Hs.125231:AF068006
 R-HEM BB1002152//EST//4.3e-39:250:89//Hs.156552:AA833553
 R-HEM BB1002189//H.sapiens mRNA for translin associated protein X//1.4e-47:328:85//Hs.96247:X95073
 R-HEM BB1002190//ESTs//8.3e-05:122:70//Hs.41974:AF039185
 35 R-HEM BB1002193//Human sky mRNA for Sky, complete cds//8.9e-24:398:69//Hs.301:U18934
 R-HEM BB1002217//EST//6.6e-50:303:89//Hs.149580:AI281881
 R-HEM BB1002218//ESTs//2.3e-19:150:86//Hs.136031:W95841
 R-HEM BB1002232//ESTs//8.9e-47:445:77//Hs.163971:N27584
 R-HEM BB1002247//EST//6.6e-09:236:65//Hs.130578:AI004631
 40 R-HEM BB1002249//ESTs//5.2e-16:325:64//Hs.156253:AI334807
 R-HEM BB1002254//Human Line-1 repeat mRNA with 2 open reading frames//3.8e-99:590:88//Hs.23094:M19503
 R-HEM BB1002255//Human mRNA for KIAA0365 gene, partial cds//5.6e-45:342:83//Hs.84123:AB002363
 R-HEM BB1002266//ESTs//4.4e-98:472:98//Hs.65366:AI189112
 R-HEM BB1002280//EST//2.9e-41:247:90//Hs.161917:AA483223
 45 R-HEM BB1002300//ESTs//8.4e-19:229:75//Hs.138463:N72305
 R-HEM BB1002306//Homo sapiens KIAA0432 mRNA, complete cds//0.0021:138:67//Hs.155174:AB007892
 R-HEM BB1002327//EST//0.042:249:61//Hs.121097:AA714637
 R-HEM BB1002329//ESTs//1.7e-94:453:99//Hs.7114:R24312
 R-HEM BB1002340//ESTs//5.8e-15:163:77//Hs.26378:H10228
 50 R-HEM BB1002342//Homo sapiens mRNA for putative thioredoxin-like protein//0.85:46:84//Hs.42644:AJ010841
 R-HEM BB1002358//ESTs//2.0e-52:319:81//Hs.140255:AA708322
 R-HEM BB1002359//ESTs//2.7e-106:517:97//Hs.13634:AI051613
 R-HEM BB1002364//Human mRNA for KIAA0080 gene, partial cds//5.3e-37:360:65//Hs.74554:D38522
 R-HEM BB1002371//Catalase//3.3e-22:235:77//Hs.76359:X04085
 55 R-HEM BB1002381//Homo sapiens (JH8) mRNA, partial cds//1.0e-08:120:78//Hs.142296:AF072467
 R-HEM BB1002383//ESTs//3.5e-108:520:98//Hs.45140:D80055
 R-HEM BB1002387
 R-HEM BB1002415//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//2.3e-23:

- 168:77//Hs.133526:N21103
 R-HEMBB1002425//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//3.2e-57:304:90//Hs.144563:AF057280
 R-HEMBB1002442//ESTs//2.7e-48:289:87//Hs.155243:N70293
 5 R-HEMBB1002453//Human mRNA for KIAA0355 gene, complete cds//6.2e-45:292:87//Hs.153014:AB002353
 R-HEMBB1002457//Human mRNA for KIAA0118 gene, partial cds//2.7e-46:546:71//Hs.154326:D42087
 R-HEMBB1002458//EST//1.8e-72:343:100//Hs.162006:AA508089
 R-HEMBB1002477//ESTs//1.6e-38:215:93//Hs.18240:AA460083
 R-HEMBB1002489//ESTs//1.2e-101:534:94//Hs.7981:H15176
 10 R-HEMBB1002492//ESTs//5.0e-14:350:62//Hs.99205:AA204969
 R-HEMBB1002495//ESTs//2.1e-19:147:86//Hs.163747:AA174017
 R-HEMBB1002502//ESTs, Weakly similar to p40 [H.sapiens]//1.2e-68:336:98//Hs.141515:T41142
 R-HEMBB1002509//ESTs//2.7e-97:459:99//Hs.127638:AI014615
 R-HEMBB1002510//ESTs, Weakly similar to located at OATL1 [H.sapiens]//2.2e-48:265:95//Hs.48827:AA873278
 15 R-HEMBB1002520//EST//7.2e-40:198:84//Hs.140493:AA804538
 R-HEMBB1002522//Human putative transmembrane receptor IL-1Rrp mRNA, complete cds//0.50:142:69//Hs.159301:U43672
 R-HEMBB1002531//EST//0.024:147:61//Hs.148305:AA909605
 R-HEMBB1002534//EST//3.1e-22:168:84//Hs.146794:AI149478
 20 R-HEMBB1002545//ESTs//9.2e-90:421:99//Hs.118317:AI033259
 R-HEMBB1002550//ESTs, Weakly similar to similar to S. cerevisiae LAG1 [C.elegans]//5.1e-22:210:81//Hs.11896:T68813
 R-HEMBB1002556//ISLET AMYLOID POLYPEPTIDE PRECURSORY//1.9e-45:344:82//Hs.51048:X68830
 R-HEMBB1002579//ESTs//4.6e-47:326:85//Hs.155184:AA573189
 25 R-HEMBB1002582//ESTs//0.00036:91:76//Hs.140039:AA047045
 R-HEMBB1002590//ESTs//1.0e-37:210:84//Hs.36658:N91138
 R-HEMBB1002596//Human mRNA for KIAA0118 gene, partial cds//2.2e-46:297:87//Hs.154326:D42087
 R-HEMBB1002600//EST//2.5e-17:147:84//Hs.121918:AA777424
 R-HEMBB1002601//ESTs//7.8e-68:358:95//Hs.101489:R66923
 30 R-HEMBB1002603//EST//1.1e-47:281:90//Hs.149580:AI281881
 R-HEMBB1002607//ESTs//5.4e-75:379:97//Hs.29438:H42896
 R-HEMBB1002610//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//6.2e-07:140:70//Hs.155456:AA707265
 R-HEMBB1002613//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0508//8.5e-47:278:83//Hs.159187:AB007977
 35 R-HEMBB1002614//ESTs//3.4e-81:383:99//Hs.13012:AI094150
 R-HEMBB1002617//Homo sapiens protease-activated receptor 4 mRNA, complete cds//7.4e-19:151:80//Hs.137574:AF055917
 R-HEMBB1002623//ESTs//1.6e-45:288:87//Hs.138852:AA284247
 40 R-HEMBB1002635//Small inducible cytokine A5 (RANTES)//5.5e-39:278:81//Hs.155464:AF088219
 R-HEMBB1002664//EST//8.9e-49:315:87//Hs.149580:AI281881
 R-HEMBB1002677//ESTs//0.65:159:62//Hs.163517:AI419775
 R-HEMBB1002683//H.sapiens mRNA for delta 4-3-oxosteroid 5 beta-reductase//8.6e-54:543:75//Hs.2638:Z28339
 45 R-HEMBB1002684//ESTs//3.0e-18:148:87//Hs.158270:AA776646
 R-HEMBB1002686//ESTs//6.1e-80:419:96//Hs.103002:W02753
 R-HEMBB1002692//ESTs//3.3e-58:451:82//Hs.141254:AI334099
 R-HEMBB1002697//ESTs//6.2e-86:423:98//Hs.129812:AA769487
 R-HEMBB1002699//EST//5.6e-46:322:84//Hs.140231:AI054398
 50 R-HEMBB1002702//ESTs//5.6e-36:412:72//Hs.154993:AA142842
 R-HEMBB1002705//POLYPOSIS LOCUS PROTEIN 1//0.024:412:58//Hs.74648:M73547
 R-HEMBB1002712//ESTs//9.0e-96:451:99//Hs.136806:AA805682
 R-MAMMA1000009//ESTs//3.0e-78:392:96//Hs.163947:AA678701
 R-MAMMA1000019//Small inducible cytokine A5 (RANTES)//1.5e-47:247:87//Hs.155464:AF088219
 55 R-MAMMA1000020//Zinc finger protein 2 (A1-5)//4.9e-49:384:80//Hs.155533:X60152
 R-MAMMA1000025//Homo sapiens KIAA0441 mRNA, complete cds//4.7e-11:154:71//Hs.32511:AB007901
 R-MAMMA1000043//Homo sapiens mRNA for KIAA0761 protein, partial cds//2.0e-58:277:84//Hs.93121:AB018304

R-MAMMA1000045//ESTs//1.0e-38:225:92//Hs.142567:AA287165
 R-MAMMA1000055//EST//0.14:91:67//Hs.144061:AA996350
 R-MAMMA1000057//Fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase, Bombay phenotype included)//3.8e-77:545:83//Hs.69747:M35531
 5 R-MAMMA1000069//ESTs//8.0e-108:546:96//Hs.44856:N37065
 R-MAMMA1000084//Homo sapiens clone 23632 mRNA sequence//7.3e-43:313:83//Hs.46918:AF052099
 R-MAMMA1000085//ESTs, Highly similar to PUTATIVE CYSTEINYL-TRNA SYNTHETASE C29E6.06C [Schizosaccharomyces pombe]//7.7e-104:546:94//Hs.7779:AA045241
 R-MAMMA1000092//EST, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//4.2e-22:287:71//Hs.136063:U51713
 10 R-MAMMA1000103//LOW-DENSITY LIPOPROTEIN RECEPTOR PRECURSOR//8.4e-49:334:86//Hs.70008:L00352
 R-MAMMA1000117//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.1e-08:96:80//Hs.115088:AA230172
 15 R-MAMMA1000129//EST//2.8e-64:310:99//Hs.136394:AA523577
 R-MAMMA1000133
 R-MAMMA1000134//ESTs//1.1e-21:152:87//Hs.163747:AA174017
 R-MAMMA1000139//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//6.3e-40:288:78//Hs.159897:AB007970
 20 R-MAMMA1000143//EST//5.0e-52:314:89//Hs.149580:AI281881
 R-MAMMA1000155//Homo sapiens apoptotic protease activating factor 1 (Apaf-1) mRNA, complete cds//1.5e-59:562:75//Hs.77579:AF013263
 R-MAMMA1000163//ESTs//2.8e-92:457:96//Hs.114413:AA884787
 R-MAMMA1000171//Homo sapiens mRNA for putative lipoic acid synthetase, partial//2.5e-39:173:83//Hs.53531:
 25 AJ224162
 R-MAMMA1000173//ESTs, Highly similar to SRC SUBSTRATE P80/85 PROTEINS [Gallus gallus]//2.4e-07:63:90//Hs.90367:AI357069
 R-MAMMA1000175//EST//0.66:217:58//Hs.146444:AI127611
 R-MAMMA1000183//ESTs//6.7e-30:341:73//Hs.125254:AA872054
 30 R-MAMMA1000198//EST//2.8e-45:185:88//Hs.149580:AI281881
 R-MAMMA1000221//ESTs, Weakly similar to circadian clock protein [M.musculus]//1.4e-41:272:90//Hs.68398:AA421103
 R-MAMMA1000227//EST//2.4e-39:388:76//Hs.144175:H70425
 R-MAMMA1000241//EST//0.0027:263:61//Hs.37532:H57946
 35 R-MAMMA1000251//Homo sapiens mRNA for KIAA0772 protein, complete cds//5.3e-47:322:86//Hs.15519:AB018315
 R-MAMMA1000254//Homo sapiens tumor necrosis factor superfamily member LIGHT mRNA, complete cds//2.2e-43:315:83//Hs.129708:AF064090
 R-MAMMA1000257//EST//1.6e-62:330:93//Hs.141728:W73041
 40 R-MAMMA1000264//Von Hippel-Lindau syndrome//2.3e-31:141:81//Hs.78160:AF010238
 R-MAMMA1000266//ESTs//3.4e-34:150:81//Hs.163980:AA715814
 R-MAMMA1000270//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0508//2.7e-57:304:78//Hs.159187:AB007977
 R-MAMMA1000277//Thiopurine S-methyltransferase//3.7e-27:380:71//Hs.51124:AF019369
 45 R-MAMMA1000278//ESTs//5.2e-99:504:95//Hs.8494:W72694
 R-MAMMA1000279//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//3.1e-58:295:83//Hs.92381:AB007956
 R-MAMMA1000284//EST//4.1e-10:151:73//Hs.60742:AA017066
 R-MAMMA1000287
 50 R-MAMMA1000302//Homo sapiens KIAA0432 mRNA, complete cds//1.0:50:84//Hs.155174:AB007892
 R-MAMMA1000307//Human mRNA for KIAA0033 gene, partial cds//1.8e-48:468:76//Hs.22271:D26067
 R-MAMMA1000309//ESTs//1.7e-94:491:94//Hs.135106:AI335251
 R-MAMMA1000312//ESTs//8.9e-74:377:96//Hs.133163:AI051434
 R-MAMMA1000313//EST//8.3e-19:294:62//Hs.127400:AA954491
 55 R-MAMMA1000331//ESTs, Moderately similar to envelope protein [H.sapiens]//8.6e-54:278:97//Hs.139170:AA662998
 R-MAMMA1000339//EST//6.8e-44:169:89//Hs.149580:AI281881
 R-MAMMA1000340//Homo sapiens mRNA for KIAA0625 protein, partial cds//0.82:204:61//Hs.154919:AB014525

EP 1 074 617 A2

R-MAMMA1000348//ESTs//3.3e-34:320:75//Hs.139158:AA226159
R-MAMMA1000356//ESTs, Highly similar to URIDYLATE KINASE [Saccharomyces cerevisiae]//0.42:172:61//Hs.11463:AA535912
R-MAMMA1000360//Human mRNA for KIAA0118 gene, partial cds//3.8e-43:212:82//Hs.154326:D42087
5 R-MAMMA1000361//ESTs//3.1e-17:188:68//Hs.164036:AA845659
R-MAMMA1000372//ESTs//1.0e-46:307:85//Hs.145032:AA343523
R-MAMMA1000385//ESTs//8.2e-97:467:98//Hs.152282:AA412065
R-MAMMA1000388//Homo sapiens UKLF mRNA for ubiquitous Kruppel like factor, complete cds//8.6e-14:106:92//Hs.32170:AB015132
10 R-MAMMA1000395//ESTs//1.9e-57:292:96//Hs.11365:AB01060
R-MAMMA1000402//ESTs, Moderately similar to RETROVIRUS-RELATED POL POLYPROTEIN [Mus musculus]//9.1e-47:316:81//Hs.138698:N38973
R-MAMMA1000410//Archain//1.8e-40:443:74//Hs.33642:X81198
R-MAMMA1000413//Homo sapiens mRNA for KIAA0792 protein, complete cds//1.3e-27:304:72//Hs.119387:
15 AB007958
R-MAMMA1000414//ESTs//2.9e-27:181:87//Hs.141254:AI334099
R-MAMMA1000416//Human macrophage-derived chemokine precursor (MDC) mRNA, complete cds//1.5e-58:282:82//Hs.97203:U83171
R-MAMMA1000421//Thromboxane A2 receptor//4.9e-48:372:80//Hs.89887:D38081
20 R-MAMMA1000422//ESTs//0.077:240:62//Hs.123136:AA631067
R-MAMMA1000423//Human mRNA for KIAA0392 gene, partial cds//1.3e-48:375:81//Hs.40100:AB002390
R-MAMMA1000424//Human melanoma antigen recognized by T-cells (MART-1) mRNA//1.4e-44:418:75//Hs.154069:U06452
R-MAMMA1000429//ESTs//3.9e-113:565:96//Hs.5076:N53461
25 R-MAMMA1000431//Human macrophage-derived chemokine precursor (MDC) mRNA, complete cds//8.6e-68:302:85//Hs.97203:U83171
R-MAMMA1000444//Calcium modulating ligand//5.5e-44:344:81//Hs.13572:AF068179
R-MAMMA1000446//ESTs//1.0:236:60//Hs.126958:AI147447
R-MAMMA1000458
30 R-MAMMA1000468//ESTs//4.4e-51:271:96//Hs.6839:AA055176
R-MAMMA1000472//ESTs//5.4e-39:146:86//Hs.141581:AA315361
R-MAMMA1000478//ESTs//2.3e-74:365:98//Hs.140591:AA828959
R-MAMMA1000483//ESTs//9.9e-23:235:75//Hs.163592:AA280886
R-MAMMA1000490//EST//2.1e-80:500:87//Hs.142137:AA213759
35 R-MAMMA1000500//Small inducible cytokine A5 (RANTES)//4.7e-43:283:86//Hs.155464:AF088219
R-MAMMA1000501//ESTs//4.2e-37:250:86//Hs.141323:N80390
R-MAMMA1000516//Human mRNA for KIAA0392 gene, partial cds//5.1e-46:459:75//Hs.40100:AB002390
R-MAMMA1000522//ESTs//9.5e-16:226:70//Hs.116673:AA669267
R-MAMMA1000559//ESTs//5.2e-34:244:84//Hs.150727:AI292236
40 R-MAMMA1000565//EST//2.7e-38:386:76//Hs.162404:AA573131
R-MAMMA1000567//EST//0.33:49:79//Hs.147754:AI220561
R-MAMMA1000576//ESTs//4.9e-57:348:89//Hs.108921:N31211
R-MAMMA1000583//Homo sapiens KIAA0412 mRNA, partial cds//1.3e-52:373:77//Hs.6200:AB007872
R-MAMMA1000585//ESTs//5.1e-40:337:78//Hs.130815:AA936548
45 R-MAMMA1000594//Small inducible cytokine A5 (RANTES)//3.0e-45:225:80//Hs.155464:AF088219
R-MAMMA1000597//ESTs//2.0e-98:461:99//Hs.43212:AA993042
R-MAMMA1000605//CD4 receptor {exons 1 and 2} [human, T-lymphocyte, mRNA, 3429 nt]//1.5e-50:500:73//Hs.116007:S79267
R-MAMMA1000612//ESTs, Highly similar to HYPOTHETICAL TRP-ASP REPEATS CONTAINING PROTEIN IN
50 SIS1-MRPL2 INTERGENIC REGION [Saccharomyces cerevisiae]//8.6e-108:559:94//Hs.29203:AI344105
R-MAMMA1000616//EST//0.071:169:60//Hs.144096:AI032180
R-MAMMA1000621//ESTs//1.0e-90:477:94//Hs.26073:R96361
R-MAMMA1000623
R-MAMMA1000625//ESTs//3.4e-98:556:91//Hs.119482:AI361002
55 R-MAMMA1000643//EST//4.9e-74:379:96//Hs.137447:AA342203
R-MAMMA1000664//Homo sapiens mRNA for putative lipoic acid synthetase, partial//3.2e-43:400:76//Hs.53531:AJ224162
R-MAMMA1000669//EST//6.9e-53:368:84//Hs.149580:AI281881

R-MAMMA1000670//ESTs, Highly similar to HYPOTHETICAL PROTEIN IN TONB 3'REGION [Klebsiella pneumoniae]//8.4e-98:464:98//Hs.31431:AI022065
 R-MAMMA1000672//ESTs//2.0e-80:382:99//Hs.106747:AI080476
 R-MAMMA1000684//ESTs//6.2e-72:357:98//Hs.67896:AA865212
 5 R-MAMMA1000696//Human mRNA for KIAA0345 gene, complete cds//3.3e-52:216:75//Hs.98938:AB002343
 R-MAMMA1000707//EST//7.0e-11:195:68//Hs.147002:AI184644
 R-MAMMA1000713//Homo sapiens DEC-205 mRNA, complete cds//1.5e-45:485:74//Hs.153563:AF011333
 R-MAMMA1000714//ESTs, Moderately similar to hypothetical protein 2 [H.sapiens]//1.2e-29:158:79//Hs.142764:AA205569
 10 R-MAMMA1000718//ESTs//3.1e-45:264:88//Hs.152413:AA780515
 R-MAMMA1000720//ESTs//7.4e-44:244:87//Hs.111742:R39329
 R-MAMMA1000723//Homo sapiens mRNA for alpha(l,2)fucosyltransferase, complete cds//5.6e-52:350:82//Hs.46328:D87942
 R-MAMMA1000731//ESTs//1.1e-19:420:66//Hs.35036:H95267
 15 R-MAMMA1000732//EST//2.9e-20:229:74//Hs.135400:AI056893
 R-MAMMA1000733//ESTs, Weakly similar to HYPOTHETICAL 92.1 KD PROTEIN ZK1098.3 IN CHROMOSOME III [Caenorhabditis elegans]//1.2e-35:371:74//Hs.141429:AA631915
 R-MAMMA1000734//Homo sapiens SEC63 (SEC63) mRNA, complete cds//2.1e-58:253:98//Hs.31575:AF100141
 R-MAMMA1000738//ESTs, Weakly similar to similar to Achlya ambisexualis antheridiol steroid receptor [C.elegans]//2.3e-116:557:98//Hs.71472:AA632288
 20 R-MAMMA1000744//ESTs//0.015:143:67//Hs.135382:AI224205
 R-MAMMA1000746//Human Line-1 repeat mRNA with 2 open reading frames//2.3e-90:568:86//Hs.23094:M19503
 R-MAMMA1000752//Interleukin 10//2.8e-43:339:80//Hs.2180:M57627
 R-MAMMA1000760//EST//5.0e-44:306:86//Hs.162404:AA573131
 25 R-MAMMA1000761//EST//5.0e-41:187:85//Hs.162335:AA564256
 R-MAMMA1000775//Human mRNA for KIAA0355 gene, complete cds//3.0e-46:465:76//Hs.153014:AB002353
 R-MAMMA1000776//ESTs//1.9e-43:429:73//Hs.141742:W22204
 R-MAMMA1000778//ESTs//1.8e-31:445:70//Hs.111723:H57439
 R-MAMMA1000782//EST//0.0019:102:68//Hs.120686:AA747150
 30 R-MAMMA1000798//ESTs//1.4e-13:267:69//Hs.140156:AA704163
 R-MAMMA1000802//Clathrin, light polypeptide (Lcb)//1.5e-45:358:76//Hs.73919:X81637
 R-MAMMA1000831//ESTs//1.3e-1,04:510:97//Hs.17494:AA572675
 R-MAMMA1000839//EST//2.9e-51:307:89//Hs.149580:AI281881
 R-MAMMA1000841//ESTs//1.3e-34:412:72//Hs.121256:AA757902
 35 R-MAMMA1000842//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//9.4e-44:363:79//Hs.96337:AA225358
 R-MAMMA1000843//ESTs//2.2e-106:525:97//Hs.152016:AA603097
 R-MAMMA1000845//ESTs//1.6e-66:327:98//Hs.156900:AA468955
 R-MAMMA1000851//ESTs//3.7e-14:115:86//Hs.140590:R76251
 40 R-MAMMA1000855//Human mRNA for KIAA0392 gene, partial cds//5.7e-47:281:91//Hs.40100:AB002390
 R-MAMMA1000856//EST//1.8e-16:150:79//Hs.136811:AA789212
 R-MAMMA1000862//EST//3.2e-05:93:73//Hs.161205:AI419311
 R-MAMMA1000863//ESTs//1.0e-46:446:73//Hs.153432:AA098922
 R-MAMMA1000865//Homo sapiens clone 23632 mRNA sequence//3.0e-39:324:80//Hs.46918:AF052099
 45 R-MAMMA1000867//ESTs//9.8e-16:193:76//Hs.152340:AA521399
 R-MAMMA1000875//EST//3.1e-24:301:72//Hs.132635:AI032875
 R-MAMMA1000876//ESTs//9.9e-48:246:97//Hs.112165:AA621243
 R-MAMMA1000877//ESTs//1.4e-38:324:79//Hs.141024:H07128
 R-MAMMA1000880//Homo sapiens mRNA for KIAA0594 protein, partial cds//3.2e-40:542:68//Hs.154872:AB011166
 50 R-MAMMA1000883//ESTs//1.0:207:60//Hs.47199:N51107
 R-MAMMA1000897//ESTs//2.6e-78:383:97//Hs.41067:AI310215
 R-MAMMA1000905//Human mRNA for KIAA0331 gene, complete cds//9.7e-53:307:91//Hs.146395:AB002329
 R-MAMMA1000906//ESTs//8.0e-25:206:83//Hs.141825:AA017093
 55 R-MAMMA1000908//ESTs//4.4e-32:176:96//Hs.38559:AA701634
 R-MAMMA1000914//ESTs//0.032:150:63//Hs.119162:AA399989
 R-MAMMA1000921//Human 53K isoform of Type II phosphatidylinositol-4-phosphate 5-kinase (PIPK) mRNA, complete cds//7.7e-38:269:74//Hs.108966:U48696

R-MAMMA1000931//ESTs//1.2e-80:457:91//Hs.122319:AA782335
 R-MAMMA1000940//ESTs//3.3e-43:329:82//Hs.35254:AI133727
 R-MAMMA1000941//ESTs//7.5e-55:306:84//Hs.163936:AA632281
 R-MAMMA1000942//ESTs//2.5e-83:405:98//Hs.116491:AA650428
 5 R-MAMMA1000943//Cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 2//9.3e-79:567:80//Hs.1361:M55053
 R-MAMMA1000956//EST//5.7e-53:256:100//Hs.162209:AA536178
 R-MAMMA1000957//Kangai 1 (suppression of tumorigenicity 6, prostate; CD82 antigen (R2 leukocyte antigen, antigen detected by monoclonal and antibody IA4))//7.5e-49:340:85//Hs.103458:X53795
 10 R-MAMMA1000962//Homo sapiens mRNA for KIAA0575 protein, complete cds//2.0e-48:216:85//Hs.153468:AB011147
 R-MAMMA1000968//EST//6.2e-46:302:86//Hs.149580:AI281881
 R-MAMMA1000975//ESTs//1.4e-85:428:96//Hs.141742:W22204
 R-MAMMA1000979//Homo sapiens mRNA for KIAA0761 protein, partial cds//8.0e-39:338:79//Hs.93121:AB018304
 15 R-MAMMA1000987//EST//2.8e-41:249:90//Hs.149580:AI281881
 R-MAMMA1000998//Homo sapiens apoptotic protease activating factor 1 (Apaf-1) mRNA, complete cds//3.9e-50:445:77//Hs.77579:AF013263
 R-MAMMA1001003//Sialophorin (gpL115, leukosialin, CD43)//4.1e-51:282:82//Hs.80738:X52075
 20 R-MAMMA1001008//ESTs, Weakly similar to renin [H.sapiens]//1.9e-82:405:97//Hs.25863:AA630313
 R-MAMMA1001021//Homo sapiens DEC-205 mRNA, complete cds//3.0e-44:309:86//Hs.153563:AF011333
 R-MAMMA1001024//ESTs//6.8e-35:333:78//Hs.107657:AA126814
 R-MAMMA1001030//ESTs//1.6e-110:552:96//Hs.59483:AA524536
 R-MAMMA1001035//ESTs//1.0e-45:273:85//Hs.138856:H47461
 25 R-MAMMA1001038//Human mRNA for KIAA0392 gene, partial cds//3.0e-50:298:91//Hs.40100:AB002390
 R-nnnnnnnnnnnn//ESTs//3.6e-86:445:95//Hs.122625:R68650
 R-MAMMA1001050//EST//2.2e-54:387:85//Hs.149580:AI281881
 R-MAMMA1001059//ESTs, Moderately similar to RNA helicase [M.musculus]//1.7e-13:273:65//Hs.98738:AI015487
 30 R-MAMMA1001067//ESTs//1.3e-38:324:78//Hs.20190:AA525532
 R-MAMMA1001073//ESTs//5.2e-106:554:94//Hs.12336:W63748
 R-MAMMA1001074//Human mRNA for KIAA0355 gene, complete cds//1.2e-38:544:68//Hs.153014:AB002353
 R-MAMMA1001075//ESTs//2.0e-98:463:99//Hs.18341:N38944
 R-MAMMA1001078//Human Line-1 repeat mRNA with 2 open reading frames//1.7e-84:556:85//Hs.23094:M19503
 35 R-MAMMA1001082//ESTs//2.4e-71:356:97//Hs.152302:T90222
 R-MAMMA1001091//ESTs//4.7e-83:429:95//Hs.154412:AA310926
 R-MAMMA1001092//Homo sapiens X-ray repair cross-complementing protein 2 (XRCC2) mRNA, complete cds//6.4e-34:262:82//Hs.129727:AF035587
 R-MAMMA1001105//Human putative RNA binding protein RNPL mRNA, complete cds//4.2e-27:232:76//Hs.61840:U28686
 40 R-MAMMA1001110//ESTs//1.6e-17:128:87//Hs.161314:AI421576
 R-MAMMA1001126//CD4 receptor {exons 1 and 2} [human, T-lymphocyte, mRNA, 3429 nt]//8.8e-53:462:78//Hs.116007:S79267
 R-MAMMA1001133//Homo sapiens tapasin (NGS-17) mRNA, complete cds//1.8e-59:460:81//Hs.5247:AF029750
 45 R-MAMMA1001139//ESTs//1.3e-62:341:94//Hs.18819:R01029
 R-MAMMA1001143//ESTs//3.0e-48:383:80//Hs.152340:AA521399
 R-MAMMA1001145//Calcium modulating ligand//5.1e-48:403:79//Hs.13572:AF068179
 R-MAMMA1001154//EST//6.8e-35:313:75//Hs.162404:AA573131
 R-MAMMA1001161//Homo sapiens tapasin (NGS-17) mRNA, complete cds//1.1e-58:409:84//Hs.5247:AF029750
 50 R-MAMMA1001162//ESTs, Highly similar to t-BOP [M.musculus]//2.1e-91:430:99//Hs.129982:AI420970
 R-MAMMA1001181//ESTs//5.0e-112:557:96//Hs.118181:W02251
 R-MAMMA1001186//ESTs//3.8e-85:410:99//Hs.163811:W44959
 R-MAMMA1001191//ESTs//0.018:57:87//Hs.141253:AA226519
 R-MAMMA1001198//ESTs, Weakly similar to involved in signaling by the epidermal growth factor receptor [M.musculus]//2.6e-80:358:96//Hs.163827:AA074202
 55 R-MAMMA1001202//ESTs//7.0e-43:230:95//Hs.79788:AA527348
 R-MAMMA1001203//Clathrin, light polypeptide (Lcb)//2.8e-65:348:79//Hs.73919:X81637
 R-MAMMA1001206//EST//0.098:84:72//Hs.162941:AA635148

R-MAMMA1001215//ESTs//1.3e-43:156:86//Hs.155243:N70293
 R-MAMMA1001220//ESTs//8.9e-17:276:68//Hs.116518:AA653202
 R-MAMMA1001222//ESTs//0.49:112:66//Hs.24668:AA897315
 R-MAMMA1001243//EST//0.99:143:62//Hs.68522:C20701
 5 R-MAMMA1001244//ESTs//2.2e-06:79:83//Hs.123163:AA809619
 R-MAMMA1001249//ESTs//4.2e-68:343:97//Hs.147139:AI191307
 R-MAMMA1001256//ESTs, Moderately similar to hypothetical protein 2 [H.sapiens]//4.7e-31:221:77//Hs.142764:AA205569
 R-MAMMA1001259//ESTs//1.3e-43:266:90//Hs.6193:AA045149
 10 R-MAMMA1001260//Homo sapiens mRNA for KIAA0661 protein, complete cds//2.0e-21:226:75//Hs.65238:AB014561
 R-MAMMA1001268//H.sapiens HCG II mRNA//2.4e-53:181:85//Hs.146333:X81001
 R-MAMMA1001271//ESTs, Highly similar to PUTATIVE SERINE/THREONINE-PROTEIN KINASE EMK [Mus musculus]//1.1e-108:546:95//Hs.18999:N30643
 15 R-MAMMA1001274//Homo sapiens mRNA for KIAA0572 protein, partial cds//4.4e-32:188:94//Hs.14409:AB011144
 R-MAMMA1001280//EST//0.0015:170:62//Hs.116770:AA630371
 R-MAMMA1001292//ESTs//5.6e-102:481:99//Hs.94810:AA811876
 R-MAMMA1001296//Homo sapiens mRNA for KIAA0563 protein, complete cds//2.2e-27:348:70//Hs.15731:AB011135
 20 R-MAMMA1001298//ESTs//1.4e-44:375:79//Hs.70279:AA757426
 R-MAMMA1001305//Human G protein-coupled receptor (STRL22) mRNA, complete cds//4.0e-43:300:85//Hs.46468:U45984
 R-MAMMA1001322//Homo sapiens stress-activated protein kinase 4 mRNA, complete cds//8.8e-12:188:70//Hs.55771:AF004709
 25 R-MAMMA1001324//ESTs//5.3e-68:297:88//Hs.121228:AA709471
 R-MAMMA1001330//ESTs//1.6e-57:429:83//Hs.70279:AA757426
 R-MAMMA1001341//Homo sapiens 4F5S mRNA, complete cds//4.8e-27:285:75//Hs.32567:AF073519
 R-MAMMA1001343//ESTs//8.1e-51:273:93//Hs.162208:AA536127
 30 R-MAMMA1001346//ESTs//1.0:122:65//Hs.33028:AA482478
 R-MAMMA1001383//ESTs//1.4e-45:377:80//Hs.114671:N39322
 R-MAMMA1001388//EST//7.7e-47:361:80//Hs.162197:AA535216
 R-MAMMA1001397//EST//8.7e-48:337:83//Hs.149580:AI281881
 R-MAMMA1001408//EST//1.2e-38:251:87//Hs.162677:AA604831
 35 R-MAMMA1001411//ESTs//4.3e-93:435:99//Hs.105460:AA780275
 R-MAMMA1001419//Homo sapiens translation initiation factor 4e mRNA, complete cds//1.6e-19:117:96//Hs.19122:AF038957
 R-MAMMA1001420//ESTs//7.3e-96:507:95//Hs.55299:AI335267
 R-MAMMA1001435//ESTs//5.0e-97:459:99//Hs.144843:AI222168
 40 R-MAMMA1001442//ESTs//7.1e-28:167:83//Hs.141019:AA287618
 R-MAMMA1001446//Homo sapiens KIAA0432 mRNA, complete cds//6.2e-19:328:67//Hs.155174:AB007892
 R-MAMMA1001452//EST//5.6e-44:487:75//Hs.161476:N57542
 R-MAMMA1001465
 R-MAMMA1001476//Homo sapiens yolk sac permease-like molecule 3 (YSPL3) mRNA, complete cds//0.79:182:66//Hs.136529:AF058317
 45 R-MAMMA1001487//Homo sapiens KIAA0395 mRNA, partial cds//1.1e-35:328:78//Hs.43681:AL022394
 R-MAMMA1001501//ESTs//4.6e-100:472:98//Hs.123660:AA813065
 R-MAMMA1001502//Human mRNA for KIAA0080 gene, partial cds//5.6e-15:220:69//Hs.74554:D38522
 R-MAMMA1001510
 50 R-MAMMA1001522//ESTs//3.2e-16:214:75//Hs.152816:AA634242
 R-MAMMA1001547//H.sapiens mRNA for urea transporter//2.3e-45:282:89//Hs.66710:X96969
 R-MAMMA1001551//Human 53K isoform of Type II phosphatidylinositol-4-phosphate 5-kinase (PIPK) mRNA, complete cds//1.9e-56:489:76//Hs.108966:U48696
 R-MAMMA1001575//ESTs//4.3e-92:440:98//Hs.162882:AA807140
 55 R-MAMMA1001576//ESTs, Highly similar to TUBULIN GAMMA CHAIN [Homo sapiens]//1.9e-111:549:96//Hs.21635:AI417305
 R-MAMMA1001590//ESTs//1.1e-63:324:96//Hs.142217:AA278441
 R-MAMMA1001600//ESTs//5.6e-15:159:78//Hs.138633:H98792

R-MAMMA1001604
 R-MAMMA1001606//ESTs, Weakly similar to finger protein kox1 [H.sapiens]//1.9e-97:488:96//Hs.143263:AI057616
 R-MAMMA1001620//Homo sapiens mRNA, clone:RES4-16//5.4e-43:408:76//Hs.121493:D25272
 5 R-MAMMA1001627//Homo sapiens mRNA for KIAA0772 protein, complete cds//2.0e-49:472:76//Hs.15519:AB018315
 R-MAMMA1001630//ESTs, Weakly similar to putative p150 [H.sapiens]//6.8e-15:168:73//Hs.115216:AA291074
 R-MAMMA1001633//EST//5.1e-14:228:68//Hs.141456:N36377
 R-MAMMA1001635//ESTs//3.4e-37:368:75//Hs.164033:AA769606
 10 R-MAMMA1001649
 R-MAMMA1001663//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//1.7e-54:272:81//Hs.129735:AF010144
 R-MAMMA1001670//Small inducible cytokine A5 (RANTES)//5.7e-50:304:89//Hs.155464:AF088219
 R-MAMMA1001671//EST//1.9e-14:312:65//Hs.137153:R46248
 15 R-MAMMA1001679//H.sapiens mRNA for rho GDP-dissociation Inhibitor 1//0.066:196:62//Hs.159161:X69550
 R-MAMMA1001683//ESTs//4.9e-94:447:98//Hs.134464:AI151081
 R-MAMMA1001686//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488//1.0e-17:246:73//Hs.67619:AB007957
 R-MAMMA1001692//Human mRNA for KIAA0063 gene, complete cds//2.1e-47:294:89//Hs.3094:D31884
 20 R-MAMMA1001711//ESTs//2.4e-86:439:96//Hs.18498:N52088
 R-MAMMA1001715//ESTs//1.2e-73:399:9311Hs.124620:AI082338
 R-MAMMA1001730//ESTs//1.1e-85:403:99//Hs.125464:AI084596
 R-MAMMA1001735//ESTs, Highly similar to TUBULIN BETA-5 CHAIN [Gallus gallus]//3.7e-110:552:96//Hs.6923:AI161158
 25 R-MAMMA1001740//ESTs//4.6e-45:342:82//Hs.37573:H59651
 R-MAMMA1001743//EST//2.7e-58:412:85//Hs.149742:AI285666
 R-MAMMA1001744
 R-MAMMA1001745//EST//5.6e-54:374:84//Hs.137041:AA877817
 R-MAMMA1001751//EST//3.5e-36:375:73//Hs.139715:N25041
 30 R-MAMMA1001754//EST//0.18:144:66//Hs.71957:AA151413
 R-MAMMA1001757//ESTs//1.0e-9.8:488:96//Hs.45184:C14904
 R-MAMMA1001760//ESTs//8.7e-29:206:86//Hs.143310:AI142276
 R-MAMMA1001764//ESTs//0.00012:434:58//Hs.120051:AA707847
 R-MAMMA1001768//Human mRNA for KIAA0327 protein, complete cds//2.3e-41:299:85//Hs.149323:AB002325
 35 R-MAMMA1001769//EST//1.7e-15:139:81//Hs.162399:AA572825
 R-MAMMA1001771//ESTS, Moderately similar to semaphorin B [M.musculus]//7.6e-43:257:91//Hs.7634:AA481246
 R-MAMMA1001783//Human high-affinity copper uptake protein (hCTR1) mRNA, complete cds//5.6e-42:272:86//Hs.73614:U83460
 40 R-MAMMA1001785//ESTs//1.5e-87:431:98//Hs.131065:AA972238
 R-MAMMA1001788//EST//0.95:108:62//Hs.145881:AI274644
 R-MAMMA1001790//ESTs//4.0e-41:340:80//Hs.158045:AA425744
 R-MAMMA1001806//EST//1.4e-40:297:84//Hs.141240:H60313
 R-MAMMA1001812//ESTs//2.4e-93:446:98//Hs.129034:AA776892
 45 R-MAMMA1001815//EST//0.00053:371:59//Hs.133255:AI052659
 R-MAMMA1001817//Human mRNA for KIAA0226 gene, complete cds//2.1e-46:325:87//Hs.44106:D86979
 R-MAMMA1001818
 R-MAMMA1001820//EST//1.9e-49:303:89//Hs.149580:AI281881
 R-MAMMA1001824//Homo sapiens 4F5S mRNA, complete cds//4.3e-48:438:75//Hs.32567:AF073519
 50 R-MAMMA1001836//ESTs//3.8e-06:128:71//Hs.143611:M78140
 R-MAMMA1001837//Homo sapiens KIAA0395 mRNA, partial cds//3.8e-47:339:83//Hs.43681:AL022394
 R-MAMMA1001848//ESTs//2.1e-16:125:85//Hs.161662:AA836811
 R-MAMMA1001851//ESTs//4.5e-48:344:84//Hs.138856:H47461
 R-MAMMA1001854//Small inducible cytokine A5 (RANTES)//2.6e-38:280:83//Hs.155464:AF088219
 55 R-MAMMA1001858//ESTs//1.1e-44:331:83//Hs.44702:AI148840
 R-MAMMA1001864//Homo sapiens mRNA for KIAA0475 protein, complete cds//7.8e-31:262:77//Hs.5737:AB007944
 R-nnnnnnnnnnnn//Homo sapiens antigen NY-CO-16 mRNA, complete cds//9.2e-06:450:58//Hs.132206:

EP 1 074 617 A2

AF039694
R-MAMMA1001874//Human high-affinity copper uptake protein (hCTR1) mRNA, complete cds//4.9e-46:332:83//
Hs.73614:U83460
R-MAMMA1001878//Cytochrome P450, 51 (lanosterol 14-alpha-demethylase)//1.2e-46:429:78//Hs.2379:U23942
5 R-MAMMA1001880//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//7.6e-
26:230:79//Hs.106008:AA147606
R-MAMMA1001890//ESTs//1.1e-39:338:79//Hs.146811:AA410788
R-MAMMA1001907//Kangai 1 (suppression of tumorigenicity 6, prostate; CD82 antigen (R2 leukocyte antigen,
antigen detected by monoclonal and antibody IA4))//6.7e-47:283:89//Hs.103458:X53795
10 R-nnnnnnnnnnnnn//ESTs//0.043:134:65//Hs.145333:AI251374
R-MAMMA1001931//ESTs//1.8e-75:361:99//Hs.148125:AA693801
R-MAMMA1001956//Homo sapiens mRNA for KIAA0706 protein, complete cds//1.4e-18:174:77//Hs.139648:
AB014606
R-MAMMA1001963//ESTs//6.7e-28:206:84//Hs.163254:AA828790
15 R-MAMMA1001969//ESTs, Weakly similar to hypothetical protein [H.sapiens]//6.7e-24:331:71//Hs.140506:
AA308018
R-MAMMA1001970//ESTs//8.9e-61:286:84//Hs.141575:AA211734
R-MAMMA1001992//ESTs//4.4e-43:339:82//Hs.155498:W27084
R-MAMMA1002009//Small inducible cytokine A5 (RANTES)//4.6e-24:330:70//Hs.155464:AF088219
20 R-MAMMA1002011//ESTs//9.5e-72:360:97//Hs.13525:R39054
R-MAMMA1002032//Human melanoma antigen recognized by T-cells (MART-1) mRNA//3.7e-45:370:80//Hs.
154069:U06452
R-MAMMA1002033//EST//4.6e-23:264:74//Hs.161917:AA483223
R-MAMMA1002041//ESTs//3.8e-100:465:100//Hs.141361:AI206412
25 R-MAMMA1002042//Homo sapiens 4F5S mRNA, complete cds//1.1e-43:407:76//Hs.32567:AF073519
R-MAMMA1002047//Homo sapiens mRNA for chemokine LEC precursor, complete cds//1.9e-37:316:74//Hs.
10458:AF088219
R-MAMMA1002056//EST//1.3e-51:310:90//Hs.149580:AI281881
R-MAMMA1002058//ESTs//5.9e-16:135:84//Hs.95807:AA146979
30 R-MAMMA1002068//ESTs, Weakly similar to HYPOTHETICAL 43.3 KD PROTEIN IN QOXD-VPR INTERGENIC
REGION [Bacillus subtilis]//4.0e-45:404:7811Hs/138596:N38806
R-MAMMA1002078//EST//2.2e-15:207:71//Hs.132635:AI032875
R-MAMMA1002082//Homo sapiens mRNA for TSC403 protein, complete cds//1.7e-42:314:83//Hs.10887:
AB013924
35 R-MAMMA1002084//Human mRNA for KIAA0392 gene, partial cds//3.7e-46:308:87//Hs.40100:AB002390
R-MAMMA1002093//EST//0.89:213:60//Hs.151201:AI125907
R-MAMMA1002108//ESTs//1.0e-95:515:93//Hs.29002:H11347
R-MAMMA1002118
R-MAMMA1002125//Thromboxane A2 receptor//7.2e-43:335:83//Hs.89887:D38081
40 R-MAMMA1002132//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//1.4e-58:396:78//
Hs.129735:AF010144
R-MAMMA1002140//Homo sapiens nephrin (NPHS1) mRNA, complete cds//1.4e-37:422:75//Hs.128834:
AF035835
R-MAMMA1002143//ESTs//0.050:123:69//Hs.8231:AA152276
45 R-MAMMA1002145//Homo sapiens KIAA0426 mRNA, complete cds//5.0e-21:371:69//Hs.97476:AB007886
R-MAMMA1002153//ESTs//2.0e-31:159:77//Hs.130815:AA936548
R-MAMMA1002155//Human Line-1 repeat mRNA with 2 open reading frames//8.7e-39:506:69//Hs.23094:M19503
R-MAMMA1002156//Homo sapiens mRNA for putative lipoic acid synthetase, partial//2.9e-44:336:82//Hs.53531:
AJ224162
50 R-MAMMA1002158//ESTs//3-0e-40:313:83//Hs.118273:AA626040
R-MAMMA1002170//Homo sapiens mRNA for TRAF5, complete cds//7.7e-37:370:77//Hs.29736:AB000509
R-MAMMA1002174//ESTs//2.5e-16:186:75//Hs.141203:H52638
R-MAMMA1002198//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//6.2e-51:318:82//Hs.
92381:AB007956
55 R-MAMMA1002209//ESTs//9.2e-34:111:88//Hs.141575:AA211734
R-MAMMA1002215//ESTs//3.6e-101:530:94//Hs.26780:N50038
R-MAMMA1002219//Homo sapiens mRNA for KIAA0640 protein, partial cds//5.2e-45:283:88//Hs.153026:
AB014540

R-MAMMA1002230//Human 53K isoform of Type II phosphatidylinositol-4-phosphate 5-kinase (PIPK) mRNA, complete cds//9.1e-50:330:77//Hs.108966:U48696
R-MAMMA1002236
R-MAMMA1002243
5 R-MAMMA1002250//Homo sapiens PYRIN (MEFV) mRNA, complete cds//1.2e-44:299:87//Hs.113283:AF018080
R-MAMMA1002267//Homo sapiens mRNA, chromosome 1 specific transcript
KIAA0487//1.6e-54:207:81//Hs.92381:AB007956
R-MAMMA1002268//ESTs//2.9e-94:439:100//Hs.68061:AI042283
R-MAMMA1002269//ESTs//7.4e-05:170:65//Hs.140466:AA766772
10 R-MAMMA1002282//ESTs//7.8e-09:69:78//Hs.159502:AA225141
R-MAMMA1002292//ESTs//5.3e-64:334:94//Hs.113606:AI138751
R-MAMMA1002293//ESTs, Moderately similar to plakophilin 2b [H.sapiens]//1.7e-39:203:81//Hs.154257:AI275982
R-MAMMA1002294//EST//8.1e-43:326:82//Hs.149580:AI281881
15 R-MAMMA1002297//ESTs//6.5e-45:323:83//Hs.155475:AA761454
R-MAMMA1002298//ESTs//1.7e-68:355:96//Hs.52683:H87153
R-MAMMA1002299//ESTs, Highly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG [Homo sapiens]//2.3e-58:346:91//Hs.140385:AA773359
R-MAMMA1002308
20 R-MAMMA1002310//Human melanoma antigen recognized by T-cells (MART-1) mRNA//2.2e-44:280:87//Hs.154069:U06452
R-MAMMA1002311//Human Line-1 repeat mRNA with 2 open reading frames//2.3e-70:503:81//Hs.23094:M19503
R-MAMMA1002312//EST//1.7e-31:144:80//Hs.135936:N36094
R-MAMMA1002317//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//4.3e-49:457:76//Hs.144563:
25 AF057280
R-MAMMA1002319//ESTs//3.9e-38:297:70//Hs.140326:AA827183
R-MAMMA1002322//ESTs//1.1e-46:301:86//Hs.155498:W27084
R-MAMMA1002329//EST//2.6e-09:146:72//Hs.132366:AI026658
R-MAMMA1002332//Homo sapiens clone 23892 mRNA sequence//2.6e-45:387:70//Hs.91916:AF035317
30 R-MAMMA1002333//EST//1.8e-09:139:74//Hs.137800:AA886897
R-MAMMA1002339//ESTs//4.2e-47:310:76//Hs.138865:W57618
R-MAMMA1002347//ESTs//1.5e-44:326:83//Hs.111723:H57439
R-MAMMA1002351//ESTs//3.0e-112:545:97//Hs.26209:AI143127
R-MAMMA1002352//Homo sapiens mRNA for leukemia associated gene 2//1.5e-58:259:92//Hs.43628:Y15228
35 R-MAMMA1002353//Human mRNA for KIAA0392 gene, partial cds//4.5e-40:360:77//Hs.40100:AB002390
R-MAMMA1002355//ESTs//1.4e-29:307:75//Hs.3769:AI085367
R-MAMMA1002356//Clathrin, light polypeptide (Lcb)//4.9e-31:217:88//Hs.73919:X81637
R-MAMMA1002359//Homo sapiens PYRIN (MEFV) mRNA, complete cds//1.1e-70:483:84//Hs.113283:AF018080
R-MAMMA1002360//ESTs//3.5e-19:301:69//Hs.124701:AA701475
40 R-MAMMA1002361//Homo sapiens X-ray repair cross-complementing protein 2 (XRCC2) mRNA, complete cds//2.6e-30:244:81//Hs.129727:AF035587
R-MAMMA1002362//ESTs//2.3e-43:241:88//Hs.150727:AI292236
R-MAMMA1002380//ESTs//5.1e-36:322:79//Hs.136994:AA843542
R-MAMMA1002384//Small inducible cytokine A5 (RANTES)//1.8e-42:298:84//Hs.155464:AF088219
45 R-MAMMA1002385//ESTs//0.57:203:63//Hs.146303:AA579061
R-MAMMA1002392//Human mRNA for platelet-activating factor acetylhydrolase 2, complete cds//5.8e-41:305:83//Hs.86188:D87845
R-MAMMA1002411//ESTs//4.4e-68:385:92//Hs.53478:N92294
R-MAMMA1002413//Homo sapiens mRNA for small GTP-binding protein, complete cds//3.3e-14:138:75//Hs.115325:D84488
50 R-MAMMA1002417//ESTs//1.6e-98:475:98//Hs.96345:N22588
R-MAMMA1002427//ESTs//3.1e-39:274:79//Hs.141130:H28477
R-MAMMA1002428//ESTs//8.4e-11:215:66//Hs.141022:H06475
R-MAMMA1002434//ESTS, Moderately similar to !!!! ALU SUBFAMILY SP WARNING ENTRY !!!! [H.sapiens]//2.5e-106:521:98//Hs.112152:AA487348
55 R-MAMMA1002446//ESTs, Weakly similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]//4.7e-37:374:68//Hs.157142:U85996
R-MAMMA1002454//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0485//2.0e-60:323:81//Hs.

89121:AB007954
R-MAMMA1002461//ESTs//4.7e-111:548:97//Hs.104281:AA147076
R-MAMMA1002470//ESTs, Highly similar to HYPOTHETICAL 80.7 KD PROTEIN IN ERG7-NMD2 INTERGENIC REGION [Saccharomyces cerevisiae]//8.5e-104:544:93//Hs.94570:AI192106
5 R-MAMMA1002475//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.4e-31:263:79//Hs.38687:AA744496
R-MAMMA10024807//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.0e-34:159:79//Hs.133526:N21103
10 R-MAMMA1002485//Homo sapiens stanniocalcin-2 (STC-2) mRNA, complete cds//8.9e-116:560:97//Hs.155223:AF055460
R-MAMMA1002494//ESTs//3.2e-47:303:88//Hs.155243:N70293
R-MAMMA1002498//Human novel homeobox mRNA for a DNA binding protein//0.0043:331:58//Hs.37035:U07664
R-MAMMA1002524//ESTs//0.0039:354:61//Hs.125797:AA806277
15 R-MAMMA1002530//Homo sapiens cytosolic phospholipase A2 gamma (cPLA2 gamma) mRNA, complete cds//3.9e-103:529:95//Hs.18858:AF065214
R-MAMMA1002545//Homo sapiens mRNA for KIAA0575 protein, complete cds//9.5e-50:317:88//Hs.153468:AB011147
R-MAMMA1002554//ESTs//2.3e-85:445:95//Hs.139140:AA218851
20 R-MAMMA1002556//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.0e-12:280:65//Hs.12725:T65058
R-MAMMA1002566//ESTs//2.3e-88:421:99//Hs.17602:AA705681
R-MAMMA1002571//ESTs//5.1e-97:456:99//Hs.152834:AA595693
R-MAMMA1002573//ESTs//3.1e-38:258:87//Hs.163989:R74433
25 R-MAMMA1002585//ESTs//7.8e-96:533:91//Hs.26009:H49371
R-MAMMA1002590//ESTs//0.61:202:62//Hs.161190:AI419258
R-MAMMA1002597//Cytochrome P450, subfamily IIB (phenobarbital-inducible), polypeptide 6//2.9e-21:177:75//Hs.1360:M29874
R-MAMMA1002598//ESTs//3.4e-113:544:97//Hs.20263:AA573737
30 R-MAMMA1002603//Thiopurine S-methyltransferase//7.6e-35:225:80//Hs.51124:AF019369
R-MAMMA1002612//Cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 2//4.2e-46:424:75//Hs.1361:M55053
R-MAMMA1002617//ESTs//1.1e-38:229:92//Hs.96987:W27389
R-MAMMA1002618//Landsteiner-Wiener blood group glycoprotein//1.3e-27:185:73//Hs.108287:L27670
35 R-MAMMA1002619//ESTs//1.7e-95:480:96//Hs.54873:AA526306
R-MAMMA1002622//Thromboxane A2 receptor//3.2e-46:298:87//Hs.89887:D38081
R-MAMMA1002623//EST//4.3e-49:336:85//Hs.149580:AI281881
R-MAMMA1002625//ESTs, Moderately similar to ovarian-specific protein [R.norvegicus]//2.3e-35:308:79//Hs.93332:AA811920
40 R-MAMMA1002629//Homo sapiens mRNA for small GTP-binding protein, complete cds//9.7e-57:283:86//Hs.115325:D84488
R-MAMMA1002636//Human mRNA for KIAA0392 gene, partial cds//1.2e-49:303:89//Hs.40100:AB002390
R-MAMMA1002637//ESTs//1.3e-55:391:85//Hs.95074:AI144421
R-MAMMA1002646//ESTs//7.4e-36:182:80//Hs.163937:N69915
45 R-MAMMA1002650//ESTs//1.6e-102:547:94//Hs.57841:W63776
R-MAMMA1002655
R-MAMMA1002662//Homo sapiens KIAA0426 mRNA, complete cds//2.2e-46:462:75//Hs.97476:AB007886
R-MAMMA1002665//Human mRNA for KIAA0118 gene, partial cds//9.1e-51:376:82//Hs.154326:D42087
R-MAMMA1002671//ESTs, Weakly similar to coded for by C. elegans cDNA yk52e10.5 [C.elegans]//5.3e-108:544:96//Hs.16464:W19606
50 R-MAMMA1002673//EST//3.3e-35:169:79//Hs.140046:AA668213
R-MAMMA1002684//Homo sapiens mRNA for KIAA0214 protein, complete cds//4.6e-109:544:96//Hs.3363:D86987
R-MAMMA1002685//EST//1.9e-31:223:86//Hs.112540:AA601385
55 R-MAMMA1002698//ESTs//5.9e-43:292:85//Hs.144660:AA652675
R-MAMMA1002699//ESTs//3.2e-25:134:100//Hs.126049:F22510
R-MAMMA1002701//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//6.9e-70:353:96//Hs.138404:R70986

R-MAMMA1002708//ESTs//2.1e-76:413:94//Hs.57932:W69234
 R-MAMMA1002711//ESTs//1.9e-44:236:96//Hs.138575:H67858
 R-MAMMA1002721//Homo sapiens DEC-205 mRNA, complete cds//2.7e-43:273:89//Hs.153563:AF011333
 R-MAMMA1002727//ESTs//2.9e-84:395:10011Hs.162826:AA679571
 5 R-MAMMA1002728//Small inducible cytokine A5 (RANTES)//3.4e-42:266:88//Hs.155464:AF088219
 R-MAMMA1002744//ESTs//4.2e-18:473:63//Hs.42826:AA846757
 R-MAMMA1002746//ESTs//1.8e-100:473:99//Hs.117558:AA779907
 R-MAMMA1002748//Human melanoma antigen recognized by T-cells (MART-1) mRNA//5.8e-40:330:80//Hs.
 154069:U06452
 10 R-MAMMA1002754//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//4.5e-40:
 369:77//Hs.105292:AA504776
 R-MAMMA1002758
 R-MAMMA1002764//ESTs//4.2e-103:486:99//Hs.159909:AI393281
 R-MAMMA1002765//ESTs//1.6e-37:338:76//Hs.37573:H59651
 15 R-MAMMA1002769//ESTs//0.72:409:57//Hs.141376:AI301272
 R-MAMMA1002780//ESTs//1.6e-52:292:92//Hs.135985:AA342750
 R-MAMMA1002782//ESTs//1.0e-31:157:80//Hs.159510:AA297145
 R-MAMMA1002796//ESTs//3.8e-49:284:92//Hs.156479:AA513812
 R-MAMMA1002807//Archain//1.4e-39:315:80//Hs.33642:X81198
 20 R-MAMMA1002820//ESTs//5.0e-14:192:74//Hs.134635:AA226260
 R-MAMMA1002830//EST//4.0e-50:255:97//Hs.160674:AI248319
 R-MAMMA1002833//EST//1.2e-48:306:88//Hs.149580:AI281881
 R-MAMMA1002835
 R-MAMMA1002838//EST//2.7e-12:161:76//Hs.163252:AA828723
 25 R-MAMMA1002842//ESTs//1.7e-41:366:78//Hs.141899:N22395
 R-MAMMA1002843//Von Hippel-Lindau syndrome//8.8e-38:258:79//Hs.78160:AF010238
 R-MAMMA1002844//ESTs//3.5e-51:250:99//Hs.151445:AA351081
 R-MAMMA1002858//H.sapiens ERF-1 mRNA 3' end//9.0e-101:361:91//Hs.85155:X79067
 R-MAMMA1002868//ESTs//2.1e-38:301:80//Hs.132717:AA171941
 30 R-MAMMA1002871//EST//6.0e-88:413:99//Hs.149057:AI243592
 R-MAMMA1002880//ESTs//6.5e-100:506:96//Hs.163533:N52194
 R-MAMMA1002881//EST//1.1e-40:335:80//Hs.160895:AI365871
 R-MAMMA1002886//Small inducible cytokine A5 (RANTES)//3.4e-36:228:88//Hs.155464:AF088219
 R-MAMMA1002887//ESTs//4.7e-87:409:99//Hs.152155:AA424811
 35 R-MAMMA1002890//ESTs, Weakly similar to coded for by C. elegans cDNA CEESB82F [C.elegans]//4.2e-92:438:
 99//Hs.155871:AA533783
 R-MAMMA1002892//Homo sapiens EVI5 homolog mRNA, complete cds//4.9e-62:322:80//Hs.26929:AF008915
 R-MAMMA1002895//ESTs//2.7e-32:330:76//Hs.139132:AA211087
 R-MAMMA1002908//Calcium modulating ligand//4.6e-48:313:86//Hs.13572:AF068179
 40 R-MAMMA1002909//Human mRNA for KIAA0180 gene, partial cds//3.4e-09:132:76//Hs.90981:D80002
 R-MAMMA1002930//EST//4.9e-44:260:91//Hs.149580:AI281881
 R-MAMMA1002938
 R-MAMMA1002941//Human Line-1 repeat mRNA with 2 open reading frames//1.1e-83:556:85//Hs.23094:M19503
 R-MAMMA1002947//ESTs//7.0e-22:222:80//Hs.103395:T79243
 45 R-MAMMA1002964//Human mRNA for KIAA0355 gene, complete cds//1.6e-44:427:77//Hs.153014:AB002353
 R-MAMMA1002970//Thromboxane A2 receptor//7.9e-48:300:84//Hs.89887:D38081
 R-MAMMA1002972//ESTs, Weakly similar to KIAA0371 [H.sapiens]//9.6e-104:525:95//Hs.94396:AA399630
 R-MAMMA1002973//ESTs//4.4e-40:257:87//Hs.163580:H15835
 R-MAMMA1002982//ESTs//2.5e-28:115:87//Hs.141694:W15279
 50 R-MAMMA1002987//Homo sapiens DNA fragmentation factor 40 kDa subunit (DFF40) mRNA, complete cds//
 2.1e-41:402:67//Hs.133089:AF064019
 R-MAMMA1003003//Calcium modulating ligand//1.9e-45:380:79//Hs.13572:AF068179
 R-MAMMA1003004//ESTs//3.0e-07:378:60//Hs.61885:AI127857
 R-MAMMA1003007//ESTs//2.0e-47:404:80//Hs.146314:R99617
 55 R-MAMMA1003011//ESTs, Highly similar to HISTONE MACRO-H2A.1 [Rattus norvegicus]//1.4e-53:320:90//Hs.
 92023:AI022248
 R-MAMMA1003015//ESTs//1.5e-42:363:79//Hs.155184:AA573189
 R-MAMMA1003019//ESTs//4.8e-10:232:66//Hs.111341:AA251268

EP 1 074 617 A2

R-MAMMA1003026//ESTs//2.3e-83:394:99//Hs.24668:AA897315
 R-MAMMA1003031//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.5e-27:257:77//Hs.96337:AA225358
 R-MAMMA1003035//ESTs//1.3e-94:481:94//Hs.92411:AA603321
 5 R-MAMMA1003039//EST//0.56:210:61//Hs.162248:AA552160
 R-MAMMA1003040//ESTs//2.1e-17:261:70//Hs.46980:W55940
 R-MAMMA1003044//EST//2.4e-18:124:91//Hs.130321:AI002941
 R-MAMMA1003047//ESTs//1.0e-20:209:78//Hs.15916:H12862
 R-MAMMA1003049//14-3-3 PROTEIN SIGMA//0.94:184:60//Hs.2510:X57348
 10 R-MAMMA1003055//EST//1.0e-49:281:92//Hs.149580:AI281881
 R-MAMMA1003056//ESTs//0.99:107:66//Hs.30348:AI038559
 R-MAMMA1003057//ESTs, Highly similar to hypothetical protein MD6 [M.musculus]//1.1e-102:545:93//Hs.13755:AA878911
 R-MAMMA1003066//H.sapiens mRNA for urea transporter//8.1e-45:322:83//Hs.66710:X96969
 15 R-MAMMA1003089//ESTs, Weakly similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.sapiens]//1.4e-34:421:70//Hs.161959:AA493652
 R-MAMMA1003099//ESTs//1.1e-43:379:79//Hs.37573:H59651
 R-MAMMA1003104//ESTs//2.1e-97:498:96//Hs.9299:T51283
 R-MAMMA1003113//EST//3.7e-29:457:70//Hs.123616:AA815366
 20 R-MAMMA1003127//ESTs//2.6e-41:283:86//Hs.146811:AA410788
 R-MAMMA1003135//ESTs//7.2e-101:504:97//Hs.87729:AA863125
 R-MAMMA1003140//ESTs//4.3e-44:200:89//Hs.152093:AI149537
 R-MAMMA1003146//Wingless-type MMTV integration site 5A, human homolog//0.020:413:61//Hs.152213:L20861
 25 R-nnnnnnnnnnnnn
 R-MAMMA1003166//ESTs, Moderately similar to PEANUT PROTEIN [Drosophila melanogaster]//2.0e-87:524:89//Hs.6884:W30736
 R-NT2RM2002580//Homo sapiens clone 24781 mRNA sequence//1.6e-111:587:94//Hs.108112:AF070640
 R-NT2RM4000024//ESTs//2.9e-98:523:94//Hs.26641:R59312
 30 R-NT2RM4000027
 R-NT2RM4000030//ESTs//1.6e-96:482:96//Hs.90625:T03663
 R-NT2RM4000046//ESTs//1.6e-91:461:97//Hs.151237:AI86169
 R-NT2RM4000061//ESTs//4.3e-31:167:97//Hs.110821:Z78379
 R-NT2RM4000085//Homo sapiens clone 24700 unknown mRNA, partial cds//4.0e-113:549:97//Hs.95665:AF070639
 35 R-NT2RM4000086//EST//2.7e-17:212:76//Hs.137041:AA877817
 R-NT2RM4000104//ESTs//3.0e-85:452:94//Hs.101750:H19708
 R-NT2RM4000139//EST//3.3e-05:156:66//Hs.133228:AI052312
 R-NT2RM4000155//ESTs, Moderately similar to THREONYL-TRNA SYNTHETASE, CYTOPLASMIC [H.sapiens]//1.9e-99:536:92//Hs.127810:AI246301
 40 R-NT2RM4000156//EST//0.89:169:62//Hs.162967:AA676397
 R-nnnnnnnnnnnnn//ESTs//1.0:214:61//Hs.119370:W52962
 R-NT2RM4000169//ESTs//5.4e-82:440:93//Hs.159379:AI382160
 R-NT2RM4000191//ESTs, Weakly similar to P68 PROTEIN [H.sapiens]//4.1e-99:542:93//Hs.6366:AA614113
 45 R-NT2RM4000197//ESTs//5.4e-113:567:96//Hs.22975:AA156723
 R-NT2RM4000199//ESTs//10.020:95:6511Hs.146203:AI254528
 R-NT2RM4000200//ESTs//1.4e-100:488:97//Hs.126538:AA931876
 R-NT2RM4000202//Small inducible cytokine A5 (RANTES)//4.3e-37:330:77//Hs.155464:AF088219
 R-NT2RM4000210//Homo sapiens mRNA for KIAA0712 protein, complete cds//1.7e-103:546:94//Hs.111138:AB018255
 50 R-NT2RM4000215
 R-nnnnnnnnnnnnn//ESTs//7.1e-92:457:97//Hs.162074:AA477760
 R-NT2RM4000233//Fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor)//0.00020:174:66//Hs.235:X51602
 55 R-NT2RM4000244//ESTs//6.6e-61:320:95//Hs.108646:AA613031
 R-NT2RM4000251//Homo sapiens mRNA for TRIP6 (thyroid receptor interacting protein)//0.63:219:62//Hs.119498:AF000974
 R-NT2RM4000265//ESTs//8.8e-105:489:99//Hs.131001:AI378742

R-NT2RM4000290//ESTs//4.0e-87:435:96//Hs.162592:AA594128
R-NT2RM4000324//ESTs//2.2e-80:413:96//Hs.12313:R43673
R-NT2RM4000327//Small inducible cytokine A5 (RANTES)//3.2e-45:286:87//Hs.155464:AF088219
R-NT2RM4000344//Clathrin, light polypeptide (Lcb)//8.6e-60:452:84//Hs.73919:X81637
5 R-NT2RM4000349//ESTs, Weakly similar to KIAA0005 [H.sapiens]//2.5e-117:579:96//Hs.5216:AA534881
R-NT2RM4000354//ESTs//2.1e-85:406:99//Hs.126774:AI224479
R-NT2RM4000356//ESTs//7.9e-109:548:96//Hs.44278:AA418063
R-NT2RM4000366//Homo sapiens mRNA for KIAA0642 protein, partial cds//2.8e-113:577:95//Hs.8152:AB014542
R-NT2RM4000368//ESTs//2.2e-61:310:97//Hs.143611:M78140
10 R-NT2RM4000386//ESTs, Weakly similar to tenascin-like protein [D.melanogaster]//1.0e-93:521:92//Hs.41793:AA775879
R-NT2RM4000395//ESTs, Highly similar to HYPOTHETICAL 52.9 KD PROTEIN IN SAP155-YMR31 INTERGENIC REGION [Saccharomyces cerevisiae]//1.9e-99:524:94//Hs.5249:U55977
R-NT2RM4000414//EST//2.7e-06:196:64//Hs.136648:AA688285
15 R-NT2RM4000421//ESTs, Weakly similar to No definition line found [C.elegans]//5.4e-75:470:90//Hs.69235:AA192359
R-NT2RM4000425//H.sapiens mRNA for MACH-alpha-2 protein//0.17:112:69//Hs.19949:X98173
R-NT2RM4000433//ESTs//2.7e-100:479:98//Hs.24553:AI150687
R-NT2RM4000457//ESTs//5.1e-107:535:95//Hs.7579:AA775865
20 R-NT2RM4000471//ESTs, Highly similar to NIFS-LIKE 54.5 KD PROTEIN [Saccharomyces cerevisiae]//6.0e-99:492:96//Hs.21090:AA418587
R-NT2RM4000486//ESTs, Moderately similar to unnamed protein product [H.sapiens]//2.2e-102:493:97//Hs.111279:W84558
R-NT2RM4000496
25 R-NT2RM4000511//EST//5.1e-43:326:81//Hs.157658:AI358465
R-NT2RM4000514//ESTs//1.7e-112:552:96//Hs.6686:AA205496
R-nnnnnnnnnnnn//ESTs, Weakly similar to HYPOTHETICAL 85.0 KD PROTEIN IN CPA2-ATP2 INTERGENIC REGION [Saccharomyces cerevisiae]//1.4e-60:343:93//Hs.16014:AA074879
R-NT2RM4000520//ESTs//2.7e-55:266:100//Hs.99838:AA204731
30 R-NT2RM4000531//ESTs//2.0e-88:502:91//Hs.13110:T67461
R-NT2RM4000532//ESTs//0.47:290:58//Hs.148753:T91777
R-NT2RM4000534//EST//0.00025:303:60//Hs.162809:AA632198
R-NT2RM4000585//EST//0.28:63:77//Hs.150024:AI291981
R-NT2RM4000590//ESTs//5.8e-65:320:98//Hs.116017:AA613437
35 R-NT2RM4000595//Homo sapiens KIAA0431 mRNA, partial cds//0.99:189:64//Hs.16349:AB007891
R-NT2RM4000603//ESTs//4.6e-68:356:96//Hs.48855:AA134589
R-nnnnnnnnnnnn//ESTs//1.5e-89:431:97//Hs.26117:W16697
R-NT2RM4000616//ESTs, Highly similar to ACETYL-COENZYME A SYNTHETASE [Escherichia coli]//1.4e-102:519:96//Hs.14779:N64822
40 R-NT2RM4000674//ESTs//5.1e-78:398:97//Hs.8268:N70144
R-NT2RM4000689//ESTs, Weakly similar to T01G9.4 [C.elegans]//2.9e-115:550:98//Hs.11820:AA205531
R-NT2RM4000698//ESTs//2.0e-17:130:87//Hs.86420:AA927510
R-nnnnnnnnnnnn
R-NT2RM4000712//EST//0.99:103:65//Hs.114039:AA701128
45 R-NT2RM4000717//ESTs, Highly similar to BONE MORPHOGENETIC PROTEIN 1 PRECURSOR [Mus musculus]//2.2e-103:519:95//Hs.6823:W18181
R-NT2RM4000733//ESTs//8.7e-88:429:98//Hs.72185:AA465311
R-NT2RM4000734//Homo sapiens mRNA for KIAA0760 protein, partial cds//3.6e-105:536:95//Hs.137168:AB018303
50 R-NT2RM4000741//ESTs//0.99:266:58//Hs.142718:AA034046
R-NT2RM4000751//ESTs//1.6e-20:351:66//Hs.43145:AA776988
R-NT2RM4000764
R-NT2RM4000778//EST//0.066:254:61//Hs.148232:AA904174
R-NT2RM4000779//Homo sapiens mRNA for KIAA0451 protein, complete cds//9.3e-106:546:94//Hs.18586:AB007920
55 R-NT2RM4000787//Human melanoma antigen recognized by T-cells (MART-1) mRNA//6.5e-40:424:73//Hs.154069:U06452
R-NT2RM4000790//EST//9.0e-48:259:94//Hs.159694:AI417008

EP 1 074 617 A2

5

10

15

20

25

30

35

40

45

50

55

EP 1 074 617 A2

R-NT2RM4001414//ESTs//6.5e-35:226:88//Hs.121727:AA775895
 R-NT2RM4001437//EST//0.017:169:67//Hs.13207:F10054
 R-NT2RM4001444//ESTs, Weakly similar to ISOLEUCYL-TRNA SYNTHETASE, MITOCHONDRIAL [S.cerevisiae]//7.4e-108:544:94//Hs.7558:AA526812
 5 R-NT2RM4001454//ESTs//4.7e-108:517:98//Hs.32295:N32277
 R-NT2RM4001455//EST//9.6e-81:395:97//Hs.127978:AA969739
 R-NT2RM4001483//Human mRNA for KIAA0033 gene, partial cds//1.8e-58:324:85//Hs.22271:D26067
 R-NT2RM4001489//Homo sapiens mRNA for KIAA0685 protein, complete cds//7.0e-104:547:93//Hs.153121:AB014585
 10 R-NT2RM4001519//Histatin 1//0.53:340:59//Hs.119101:M26664
 R-NT2RM40015227//Small inducible cytokine A5 (RANTES)//8.4e-55:306:80//Hs.155464:AF088219
 R-NT2RM40015577//ESTs, Weakly similar to F11A10.4 [C.elegans]//6.1e-21:165:83//Hs.29134:H43072
 R-NT2RM4001565//ESTs//2.0e-103:483:99//Hs.121273:AA758027
 R-NT2RM4001566//Human DNA sequence from clone 1409 on chromosome Xp11.1-11.4. Contains a Inter-Alpha-Trypsin Inhibitor Heavy Chain LIKE gene, a alternatively spliced Melanoma-Associated Antigen MAGE LIKE gene and a 6-Phosphofructo-2-kinase (Fructose-2,6-bisphosphatase) LIKE pseudogene. Contains ESTs, STSs and genomic marker DXS8032//2.7e-43:446:72//Hs.4943:Z98046
 15 R-NT2RM4001569//ESTs//3.6e-37:186:100//Hs.86959:AA888009
 R-NT2RM4001582//ESTs//1.2e-96:459:98//Hs.114432:N52946
 20 R-nnnnnnnnnnnnn
 R-NT2RM4001594//ESTs//1.6e-83:404:98//Hs.134740:AA282171
 R-NT2RM4001597//ESTs//6.9e-111:558:96//Hs.11408:AI358871
 R-NT2RM4001605//Homo sapiens mRNA for KIAA0791 protein, complete cds//2.1e-112:565:95//Hs.23255:AB018334
 25 R-NT2RM4001611//EST//5.9e-74:353:99//Hs.125318:AA837079
 R-NT2RM4001629//ESTs//6.1e-95:453:99//Hs.115765:AA485957
 R-NT2RM4001650
 R-NT2RM4001662
 R-NT2RM4001666//Homo sapiens mRNA for KIAA0469 protein, complete cds//3.6e-36:230:70//Hs.7764:AB007938
 30 R-NT2RM4001682//EST//4.3e-68:393:90//Hs.157362:AI367496
 R-NT2RM4001710//ESTs//4.3e-48:235:99//Hs.7299:AA203440
 R-NT2RM4001714//ESTs//0.0014:568:58//Hs.50458:AA868686
 R-nnnnnnnnnnnnn//ESTs//6.5e-104:487:99//Hs.153581:AA630465
 35 R-NT2RM4001731//ESTs, Weakly similar to No definition line found [C.elegans]//3.1e-108:563:94//Hs.18510:AA522887
 R-NT2RM4001741//T3 receptor-associating cofactor-1 [human, fetal liver, mRNA, 2930 nt]//0.083:124:68//Hs.120980:S83390
 R-NT2RM4001746//ESTs//6.1e-90:420:100//Hs.139003:AA948200
 40 R-NT2RM4001754//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//5.4e-59:504:78//Hs.139107:K00629
 R-NT2RM4001758//ESTs//8.9e-27:140:100//Hs.149973:AI290740
 R-NT2RM4001776//Homo sapiens mRNA for KIAA0727 protein, partial cds//6.4e-24:236:80//Hs.39871:AB018270
 R-NT2RM4001783//ESTs//9.9e-30:156:99//Hs.115260:AA314956
 R-NT2RM4001810//ESTs//1.3e-65:346:95//Hs.131915:W22567
 45 R-NT2RM4001813//ESTs//5.7e-102:473:100//Hs.87574:AI089920
 R-NT2RM4001823//ESTs//3.8e-62:324:95//Hs.124109:AA888839
 R-NT2RM4001828//ESTs//1.3e-119:563:98//Hs.102397:AA706551
 R-NT2RM4001836//ESTs//5.5e-16:92:100//Hs.26996:AA551070
 R-NT2RM4001841//ESTs//1.3e-99:540:94//Hs.42322:AA082619
 50 R-NT2RM4001842//ESTs, Weakly similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.sapiens]//4.1e-10:274:62//Hs.161959:AA493652
 R-NT2RM4001856//ESTs, Weakly similar to contains similarity to ATP/GTP-binding site motif [C.elegans]//3.0e-43:292:86//Hs.14202:N46000
 R-nnnnnnnnnnnnn//ESTs//6.2e-104:495:98//Hs.118686:AA682280
 55 R-NT2RM40018657//Homo sapiens mRNA for atopy related autoantigen CALC//1.6e-120:592:97//Hs.61628:Y17711
 R-NT2RM4001876//ESTs//2.9e-98:532:92//Hs.100734:AA158252
 R-NT2RM4001880//ESTs//2.5e-29:224:86//Hs.6193:AA045149

R-NT2RM4001905//ESTs//5.6e-109:565:95//Hs.9536:AA114178
 R-NT2RM4001922//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.2e-105:
 535:95//Hs.30991:AA994438
 R-NT2RM4001930//ESTs//4.1-84:425:96//Hs.80042:N63143
 5 R-NT2RM4001938//EST//0.00040:241:60//Hs.147235:AI205893
 R-NT2RM4001940//Homo sapiens timeless homolog mRNA, complete cds//2.0e-110:556:95//Hs.118631:
 AF098162
 R-NT2RM4001953//ESTs//5.3e-65:338:96//Hs.33718:AA453268
 R-NT2RM4001965//ESTs, Weakly similar to T14B4.2 gene product [C.elegans]//5.7e-62:326:95//Hs.3385:N25917
 10 R-ntnnnnnnnnnnnn//ESTs, Weakly similar to IP63 protein [R.norvegicus]//1.9e-21:121:98//Hs.8772:AA521097
 R-NT2RM4001979//ESTs//1.4e-96:465:98//Hs.157103:W60265
 R-NT2RM4001984
 R-NT2RM4001987
 R-NT2RM4002013//EST//2.2e-14:110:90//Hs.160835:AI345528
 15 R-NT2RM4002018
 R-NT2RM4002034//Human mRNA for KIAA0118 gene, partial cds//9.4e-46:293:87//Hs.154326:D42087
 R-NT2RM4002044//ESTs//2.8e-107:537:96//Hs.24078:W44435
 R-NT2RM4002054//ESTs//3.7e-88:482:94//Hs.4243:T78226
 R-NT2RM4002062//ESTs//1.4e-55:377:85//Hs.152592:AA587887
 20 R-NT2RM4002063//Calcium modulating ligand//1.8e-43:385:78//Hs.13572:AF068179
 R-ntnnnnnnnnnnnn//Homo sapiens OPA-containing protein mRNA, complete cds//5.5e-42:554:68//Hs.85313:
 AF071309
 R-NT2RM4002067//Human kpni repeat mma (cdna clone pcd-kpni-4), 3' end//2.3e-43:468:73//Hs.139107:K00629
 R-NT2RM4002073//ESTs, Weakly similar to very-long-chain acyl-CoA synthetase [H.sapiens]//6.8e-57:290:96//
 25 Hs.109274:AA193416
 R-NT2RM4002075//ESTs//0.078:267:61//Hs.163563:AA641655
 R-NT2RM4002093//ESTs//1.2e-64:316:99//Hs.34956:AI052528
 R-ntnnnnnnnnnnnn//ESTs//1.0:95:69//Hs.25897:W65409
 R-NT2RM4002128//Homo sapiens mRNA for BCL9 gene//0.51:258:60//Hs.122607:Y13620
 30 R-NT2RM4002140//ESTs//5.5e-46:187:94//Hs.8737:W22712
 R-NT2RM4002145//ESTs//4.6e-70:374:94//Hs.141082:H18987
 R-NT2RM4002146//ESTs//1.9e-93:43 9:99//Hs.119295:AA442090
 R-NT2RM4002161//Homo sapiens laforin (EPM2A) mRNA, partial cds//1.5e-111:560:96//Hs.22464:AF084535
 R-NT2RM4002174//Homo sapiens LIM protein mRNA, complete cds//3.2e-46:552:72//Hs.154103:AF061258
 35 R-NT2RM4002189//ESTs//9.6e-75:352:100//Hs.98350:H15400
 R-NT2RM4002194//EST//0.22:68:72//Hs.149104:AI244343
 R-NT2RM4002205//EST//0.00028:103:72//Hs.130032:AA897678
 R-NT2RM4002213//ESTs//3.3e-15:160:78//Hs.63304:W22079
 R-NT2RM4002226//ESTs, Highly similar to GTPASE ACTIVATING PROTEIN ROTUND [Drosophila melanogaster]
 40 //5.1e-112:569:95//Hs.23900:U82984
 R-NT2RM4002251//ESTs, Weakly similar to similar to alpha-1,3-mannosyl-glycoprotein beta-1, 2-N-acetylglu-
 cosaminyltransferase [C.elegans]//1.1e-100:544:93//Hs.27567:W72190
 R-NT2RM4002256//Small inducible cytokine A5 (RANTES)//1.0e-44:341:81//Hs.155464:AF088219
 R-NT2RM4002266//ESTs//2.6e-100:539:93//Hs.57976:AA535864
 45 R-NT2RM4002278//ESTs//1.8e-112:569:95//Hs.87281:AA128263
 R-NT2RM4002281//ESTs//4.9e-20:187:80//Hs.141203:H52638
 R-NT2RM4002287//ESTs//7.9e-84:388:94//Hs.33977:N52461
 R-NT2RM4002294
 R-NT2RM4002301//ESTs//4.5e-111:556:96//Hs.85916:AA194164
 50 R-NT2RM4002323//ESTs//4.5e-102:498:97//Hs.85782:AA191498
 R-ntnnnnnnnnnnnn//ESTs//5.0e-59:283:100//Hs.125048:AA682913
 R-NT2RM4002344//V-akt murine thymoma viral oncogene homolog 2//0.29:153:66//Hs.155129:M77198
 R-NT2RM4002373//Homo sapiens mRNA for KIAA0649 protein, complete cds//2.8e-122:593:97//Hs.26163:
 AB014549
 55 R-NT2RM4002374//ESTs//3.3e-40:505:70//Hs.95115:AA206594
 R-NT2RM4002383//ESTs//2.7e-93:455:97//Hs.134278:AA648884
 R-NT2RM4002390//ESTs//3.3e-93:481:95//Hs.48764:AA613328
 R-NT2RM4002409//ESTs, Weakly similar to coded for by C. elegans cDNA yk52e10.5 [C.elegans]//1.3e-97:473:

98//Hs.16464:W19606
 R-NT2RM4002438//ESTs//0.74:162:61//Hs.65377:AA994677
 R-NT2RM4002446
 R-NT2RM4002452//EST//1.0:164:60//Hs.116619:AA668142
 5 R-NT2RM4002457
 R-NT2RM4002460//ESTs//3.0e-74:385:96//Hs.6933:R07890
 R-NT2RM4002479//Homo sapiens RNA helicase-related protein mRNA, complete cds//1.6e-103:507:97//Hs.
 8765:AF083255
 R-NT2RM4002482//Homo sapiens mRNA for KIAA0691 protein, complete cds//2.3e-32:172:98//Hs.94781:
 10 AB014591
 R-NT2RM4002493//ESTs//6.4e-73:366:97//Hs.157114:T58884
 R-NT2RM4002499//ESTs//3.5e-61:307:97//Hs.117737:AI088029
 R-NT2RM4002504//ESTs//2.1e-55:306:94//Hs.10949:AA464464
 R-nnnnnnnnnnnn//ESTs, Weakly similar to peroxisome targeting signal 2 receptor [H.sapiens]//1.4e-73:360:91//
 15 Hs.31030:H50467
 R-NT2RM4002532//ESTs//1.3e-21:191:78//Hs.146811:AA410788
 R-NT2RM4002534//ESTs//1.8e-99:512:95//Hs.13526:AI417057
 R-NT2RM4002567//ESTs//7.6e-41:272:87//Hs.7114:R24312
 R-NT2RM4002571//ESTs, Highly similar to POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE [Bos
 20 taurus]//2.3e-89:435:97//Hs.15830:AA165698
 R-NT2RM4002593//ESTs//2.3e-109:552:96//Hs.17424:AA190569
 R-NT2RM4002623//ESTs, Weakly similar to ASPARTYL-TRNA SYNTHETASE [Thermus aquaticus thermophilus]
 //9.6e-28:194:87//Hs.59346:AI126802
 R-NT2RP2000001//ESTs//2.6e-80:386:99//Hs.105061:N45096
 25 R-NT2RP2000006//Thromboxane A2 receptor//7.2e-37:253:84//Hs.89887:D38081
 R-NT2RP2000008//Zinc finger protein 37a (KOX 21)//5.2e-25:366:67//Hs.54488:X69115
 R-NT2RP2000027//ESTs//9.5e-74:377:96//Hs.96557:AA286713
 R-NT2RP2000040//Homo sapiens mRNA for KIAA0747 protein, partial cds//2.7e-42:223:96//Hs.8309:AB018290
 R-NT2RP2000045//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1) mRNA, complete cds//
 30 4.3e-64:309:98//Hs.6216:AF061749
 R-NT2RP2000054//EST//1.2e-71:375:96//Hs.98835:AA435798
 R-NT2RP2000056//EST//2.8e-28:342:69//Hs.135526:AI094910
 R-NT2RP2000067//ESTs, Weakly similar to tenascin-like protein [D.melanogaster]//2.3e-35:199:94//Hs.41793:
 AA775879
 35 R-NT2RP2000070//ESTs, Weakly similar to proto-cadherin 3 [R.norvegicus]//1.4e-78:383:98//Hs.58254:W72881
 R-NT2RP2000076//EST//0.0014:227:63//Hs.136761:AA738097
 R-NT2RP2000077//Homo sapiens growth arrest specific 11 (GAS11) mRNA, complete cds//1.1e-78:379:97//Hs.
 54877:AF050078
 R-NT2RP2000079//Homo sapiens RET finger protein-like 1 antisense transcript, partial//2.9e-21:232:75//Hs.
 40 102576:AJ010230
 R-NT2RP2000088//Homo sapiens mRNA for KIAA0795 protein, partial cds//1.8e-75:378:96//Hs.22926:AB018338
 R-NT2RP2000091//Carcinoembryonic antigen gene family member 6//0.030:236:63//Hs.41:D90064
 R-NT2RP2000097//ESTs//4.2e-15:92:97//Hs.7432:AA281757
 R-NT2RP2000098//ESTs//9.0e-53:279:94//Hs.87807:AA813827
 45 R-NT2RP2000108//EST//1.5e-75:378:96//Hs.162105:AA524419
 R-NT2RP2000114//Homo sapiens mRNA for GM3 synthase, complete cds//5.8e-76:386:95//Hs.17706:AB018356
 R-NT2RP2000120//ESTs, Weakly similar to HYPOTHETICAL 68.7 KD PROTEIN ZK757.1 IN CHROMOSOME III
 [C.elegans]//1.9e-19:153:86//Hs.5268:W22670
 R-nnnnnnnnnnnn//ESTs//1.0e-55:293:95//Hs.14570:AI422099
 50 R-nnnnnnnnnnnn//ESTs//0.24:354:59//Hs.157564:AI356513
 R-NT2RP2000147//ESTs, Highly similar to CLATHRIN COAT ASSEMBLY PROTEIN AP47 [Mus musculus]//3.0e-
 89:457:95//Hs.3832:AI208601
 R-NT2RP2000153//EST//0.0039:93:68//Hs.140386:AA773548
 R-NT2RP2000157//ESTs//1.1e-53:322:91//Hs.6877:AA040820
 55 R-NT2RP2000161//EST5//1.6e-99:492:97//Hs.21738:AI188190
 R-NT2RP2000175//ESTs//1.4e-98:489:96//Hs.4849:AI143741
 R-NT2RP2000183//ESTs//9.0e-72:358:96//Hs.4856:N51373
 R-NT2RP2000195//ESTs//3.9e-92:439:98//Hs.145091:AA814510

EP 1 074 617 A2

R-NT2RP2000205//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY!!!! [H.sapiens]//1.4e-80:415:95//Hs.11807:T86897
R-NT2RP2000224//RNA polymerase II, polypeptide C (33kD)//1.1e-57:306:94//Hs.79402:AC004382
R-NT2RP2000232
5 R-NT2RP2000233//ESTs//1.1e-08:63:96//Hs.124861:AI090683
R-NT2RP2000239//ESTs//5.3e-87:427:96//Hs.86211:AA604379
R-NT2RP2000248//ESTs, Weakly similar to O-linked GlcNAc transferase [H.sapiens]//1.3e-95:454:99//Hs.102057:AA649005
R-NT2RP2000257//ESTs//5.1e-58:282:99//Hs.122565:AI126840
10 R-NT2RP2000258//EST//1.0:67:68//Hs.61812:AA035649
R-NT2RP2000270//ESTs, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG [Homo sapiens]//8.4e-59:298:96//Hs.16085:AI261382
R-NT2RP2000274//ESTs//7.5e-61:296:98//Hs.86081:AA196635
R-NT2RP2000288//ESTs//1.8e-56:305:93//Hs.7579:AA775865
15 R-NT2RP2000289
R-NT2RP2000297//ESTs, Highly similar to MKR2 PROTEIN [Mus musculus]//9.8e-106:494:99//Hs.102951:AA574249
R-NT2RP2000298//ESTs//2.1e-62:256:90//Hs.8737:W22712
R-NT2RP2000310//Human proline dehydrogenase/proline oxidase (PRODH) mRNA, complete cds//2.8e-39:222:
20 93//Hs.58218:U82381
R-NT2RP2000327//Homo sapiens DNA sequence from PAC 434014 on chromosome 1q32.3-.41. Contains the HSD11B1 gene for Hydroxysteroid (11-beta) Dehydrogenase 1, the ADORA2BP adenosine A2b receptor LIKE pseudogene, the IRF6 gene for Interferon Regulatory Factor 6 and two unknown genes. Contains ESTs and GSSs//2.9e-71:342:98//Hs.87684:AL022398
25 R-NT2RP2000329//ESTs, Highly similar to GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL [Bos taurus]//3.4e-69:371:94//Hs.43436:N32441
R-NT2RP2000337//ESTs//5.2e-79:411:95//Hs.101799:AI276062
R-NT2RP2000346//Homo sapiens apoptosis associated protein (GADD34) mRNA, complete cds//1.1e-47:262:94//Hs.76556:U83981
30 R-NT2RP2000369//ESTs//4.3e-102:531:94//Hs.15855:H98103
R-NT2RP2000414//Homo sapiens HnRNP F protein mRNA, complete cds//8.4e-09:93:83//Hs.808:L28010
R-NT2RP2000420//ESTs//8.2e-24:142:94//Hs.144893:AI222324
R-NT2RP2000422//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds//4.2e-20:140:90//Hs.5819:AF102265
35 R-NT2RP2000438//ESTs, Weakly similar to misato [D.melanogaster]//1.3e-65:362:93//Hs.22197:AI151425
R-NT2RP2000448//ESTs, Highly similar to HYPOTHETICAL 51.6 KD PROTEIN IN PAP1-MRPL13 INTERGENIC REGION [Saccharomyces cerevisiae]//3.6e-75:435:92//Hs.21938:W81045
R-NT2RP2000459//ESTs//2.8e-95:527:93//Hs.103422:AI352013
R-NT2RP2000498//ESTs//2.3e-17:119:79//Hs.161714:AA229078
40 R-NT2RP2000503//ESTs//5.2e-91:438:98//Hs.152335:AI290215
R-NT2RP2000510//Homo sapiens KIAA0436 mRNA, partial cds//0.13:455:58//Hs.110:AB007896
R-nnnnnnnnnn//ESTs//9.9e-63:376:89//Hs.47546:AA181348
R-NT2RP2000523
R-NT2RP2000603//Homo sapiens mRNA for KIAA0572 protein, partial cds//3.5e-30:167:97//Hs.14409:AB011144
45 R-NT2RP2000617//ESTs//9.5e-103:493:98//Hs.9412:W72446
R-NT2RP2000634//Homo sapiens mRNA for KIAA0614 protein, partial cds//8.1e-66:335:96//Hs.7314:AB014514
R-NT2RP2000644//ESTs//1.1e-18:372:63//Hs.82419:AA789222
R-NT2RP2000656//ESTs//1.0e-10:128:80//Hs.23977:AA115275
R-NT2RP2000658//ESTs//0.31:278:59//Hs.15661:W02396
50 R-NT2RP2000668//ESTs//8.2e-40:255:88//Hs.113310:R16767
R-NT2RP2000678//ESTs//2.6e-53:271:9611Hs.23790:N99347
R-NT2RP2000710//ESTs//0.49:190:63//Hs.145521:AI261368
R-NT2RP2000715//EST//1.2e-87:418:9911Hs.139425:AA429279
R-NT2RP2000731//EST//5.3e-65:322:97//Hs.136754:AA713965
55 R-NT2RP2000758//ESTS//1.0:187:61//Hs.10545:N62642
R-NT2RP2000764//ESTs//5.8e-84:485:91//Hs.121816:AA775419
R-NT2RP2000809
R-NT2RP2000812//ESTs//1.2e-45:231:97//Hs.121028:AA902745

R-nnnnnnnnnnnnn//ESTs//6.3e-87:433:97//Hs.145479:AA969404
 R-NT2RP2000816//ESTS//0.45:100:69//Hs.147529:AA458918
 R-NT2RP2000819
 R-NT2RP2000841//ESTs//1.9e-73:351:99//Hs.116385:AI224511
 5 R-NT2RP2000842//TUMOR NECROSIS FACTOR-INDUCIBLE PROTEIN TSG-6
 PRECURSOR//4.6e-10:247:66//Hs.29352:M31165
 R-NT2RP2000845//ESTs//2.8e-91:443:97//Hs.66810:AI206552
 R-NT2RP2000863//ESTs//4.3e-49:310:88//Hs.104336:W07345
 R-NT2RP2000880//Homo sapiens mRNA for KIAA0741 protein, complete cds//2.8e-43:277:89//Hs.3615:
 10 AB018284
 R-NT2RP2000892//ESTs//2.8e-50:25 8:96//Hs.119238:AA476267
 R-NT2RP2000931//MATRIN 3//7.2e-57:290:96//Hs.78825:AB018266
 R-NT2RP2000938//ESTs, Highly similar to HYPOTHETICAL 6.3 KD PROTEIN ZK652.2 IN CHROMOSOME III
 [Caenorhabditis elegans]//3.9e-37:199:95//Hs.112318:AA186477
 15 R-NT2RP2000943//Homo sapiens mRNA for KIAA0755 protein, complete cds//9.8e-98:494:96//Hs.19822:
 AB018298
 R-NT2RP2000965//EST//0.22:223:60//Hs.105703:AA487021
 R-NT2RP2000970//EST//8-7e-06:255:62//Hs.149202:AI246481
 R-NT2RP2000985//ESTs, Weakly similar to HYPOTHETICAL 96.8 KD PROTEIN IN SIS2-MTD1 INTERGENIC
 20 REGION [S.cerevisiae]//7.8e-92:468:95//Hs.12124:AA522537
 R-NT2RP2000987//ESTs//4.5e-78:419:93//Hs.21968:H97521
 R-NT2RP2001036//EST//2.0e-33:148:82//Hs.163196:AA767643
 R-NT2RP2001044//ESTs//5.6e-95:493:95//Hs.21958:AA453660
 R-NT2RP2001065//ESTs//3.6e-28:153:96//Hs.119314:AA432108
 25 R-NT2RP2001070//EST//0.30:94:67//Hs.94289:N73665
 R-NT2RP2001094//EST//0.75:101:69//Hs.161040:H82068
 R-NT2RP2001119
 R-NT2RP2001127//Homa sapiens mRNA for HRIHFB2060, partial cds//1.5e-56:304:94//Hs.146282:AB015348
 R-NT2RP2001137
 30 R-NT2RP2001149//ESTs//5.1e-66:324:9711Hs.27475:AA704512
 R-NT2RP2001168//ESTs//2.0e-98:539:92//Hs.77870:AI188145
 R-NT2RP2001173//Homo sapiens mRNA for KIAA0480 protein, complete cds//1.5e-96:490:96//Hs.26247:
 AB007949
 R-NT2RP2001174//ESTs//2.2e-63:354:93//Hs.24266:R28287
 35 R-NT2RP2001196//ESTs//1.4e-83:463:93//Hs.124304:AA825510
 R-NT2RP2001218//ESTs//1.4e-100:506:96//Hs.93391:AI188402
 R-NT2RP2001226//EST//0.0074:154:63//Hs.128612:AA909358
 R-NT2RP2001233//ESTs, Highly similar to ZINC FINGER PROTEIN ZFP-36 [Homo sapiens]//3.7e-65:538:80//
 Hs.44014:AA632298
 40 R-NT2RP2001245//ESTs//5.2e-90:447:97//Hs.14559:H92996
 R-NT2RP2001268//Homo sapiens mRNA for KIAA0810 protein, partial cds//1.5e-112:544:97//Hs.7531:AB018353
 R-NT2RP2001277//ESTs//2.0e-81:387:99//Hs.13751:AA908229
 R-NT2RP2001290//ESTs//2.4e-91:501:92//Hs.12600:AA044775
 R-NT2RP2001295//ESTs//1.4e-70:337:99//Hs.123854:AA412665
 45 R-NT2RP2001312//ESTs//4.6e-53:276:95//Hs.7961:AA401205
 R-NT2RP2001327//ESTs, Moderately similar to tumor necrosis factor-alpha-induced protein B12 [H.sapiens]//
 2.3e-43:238:93//Hs.106632:N25679
 R-NT2RP2001328//ESTs//5.1e-99:499:96//Hs.34868:AI341138
 R-NT2RP2001347//ESTs//6.7e-05:100:77//Hs.9536:AA114178
 50 R-NT2RP2001378//ESTs//4.2e-83:456:93//Hs.10554:N50028
 R-NT2RP2001381//ESTs//1.1e-26:148:96//Hs.161859:AA444038
 R-NT2RP2001392//ESTs, Weakly similar to MITOCHONDRIAL LON PROTEASE HOMOLOG PRECURSOR [H.
 sapiens]//3.9e-74:411:93//Hs.47305:AA195153
 R-NT2RP2001394//ESTs//9.5e-54:305:93//Hs.70256:R07875
 55 R-NT2RP2001397//ESTs, Highly similar to G2/MITOTIC-SPECIFIC CYCLIN B2 [Mesocricetus auratus]//5.2e-97:
 469:97//Hs.20483:AA522505
 R-NT2RP2001420//ESTs//1.6e-49:228:88//Hs.163602:N32030
 R-NT2RP2001423//ESTs//2.0e-37:190:99//Hs.101565:R35431

EP 1 074 617 A2

R-NT2RP2001427//EST//1.7e-1 1:107:84//Hs.148584:AI201728
 R-NT2RP2001436//ESTs, Weakly similar to F02D8.3 [C.elegans]//2.9e-114:558:97//Hs.7627:AI341556
 R-NT2RP2001440//EST//0.17:192:58//Hs.133442:AI061394
 R-NT2RP2001445//ESTs//1.1e-43:215:100//Hs.145497:AA501453
 5 R-NT2RP2001449//ESTs//4.1e-08:234:61//Hs.134067:AI076765
 R-NT2RP2001450//ESTs//9.5e-65:356:94//Hs.61829:AI079539
 R-NT2RP2001467//Small inducible cytokine A5 (RANTES)//1.2e-34:255:83//Hs.155464:AF088219
 R-NT2RP2001506//ESTs//2.9e-23:170:88//Hs.7147:T23513
 R-NT2RP2001511//ESTs//2.0e-08:59:100//Hs.57660:AA251146
 10 R-NT2RP2001520//Homo sapiens mRNA for mitochondrial carrier protein ARALAR1//6.7e-106:545:95//Hs.4277:
 Y14494
 R-NT2RP2001526//ESTs//3.7e-23:295:72//Hs.8514:AF039240
 R-NT2RP2001536//Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3) mRNA, complete cds//
 1.9e-15:99:95//Hs.99742:AF035586
 15 R-NT2RP2001560//ESTs//2.2e-58:310:94//Hs.87454:AA732816
 R-NT2RP2001569//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488//2.0e-76:387:96//Hs.
 67619:AB007957
 R-NT2RP2001576//Human mRNA for KIAA0105 gene, complete cds//0.17:193:60//Hs.119:D14661
 R-NT2RP2001581//ESTs//5.1e-08:107:78//Hs.157114:T58884
 20 R-NT2RP2001597//EST//5.2e-22:151:88//Hs.158613:AI369995
 R-NT2RP2001601//ESTs//1.5e-78:373:99//Hs.137558:AI393767
 R-NT2RP2001613
 R-NT2RP2001628//EST//0.99:195:60//Hs.144238:W52294
 R-NT2RP2001663//ESTs//4.0e-37:282:84//Hs.12319:W56090
 25 R-NT2RP2001677//ESTs//1.4e-44:232:96//Hs.159387:AI370845
 R-NT2RP2001678//ESTs//0.91:124:60//Hs.10593:AI201336
 R-NT2RP2001699//EST//0.0033:230:61//Hs.146544:AI125323
 R-NT2RP2001720//ESTs//1.8e-52:255:99//Hs.101064:AA290579
 R-NT2RP2001721//ESTs//7.0e-101:479:99//Hs.129750:AA987538
 30 R-NT2RP2001740//ESTs//3.3e-76:379:96//Hs.144704:AI147100
 R-NT2RP2001748//ESTs//1.4e-44:352:81//Hs.142259:AA828840
 R-NT2RP2001762//Homo sapiens exonuclease 1a (EXO1a) mRNA, complete cds//2.1e-105:519:96//Hs.47504:
 AF091754
 R-NT2RP2001813//ESTs//6.3e-78:406:95//Hs.21902:R44037
 35 R-NT2RP2001861
 R-NT2RP2001869//EST//2.8e-21:173:82//Hs.130321:AI002941
 R-NT2RP2001876//ESTs//6.1e-102:526:95//Hs.4944:AA533088
 R-NT2RP2001883//ESTs, Weakly similar to No definition line found [C.elegans]//6.9e-110:556:95//Hs.23159:
 AA113849
 40 R-NT2RP2001900//ESTs//6.9e-85:442:95//Hs.154220:AA171724
 R-NT2RP2001907//ESTs//2.1e-82:432:94//Hs.142257:AA188423
 R-NT2RP2001926//EST//2.3e-24:299:71//Hs.135085:AI097268
 R-NT2RP2001936//ESTs//1.1e-45:265:92//Hs.112482:T66087
 R-NT2RP2001943//EST//1.4e-05:246:61//Hs.144096:AI032180
 45 R-NT2RP2001946//ESTs//3.6e-87:410:99//Hs.20242:W72594
 R-NT2RP2001947//ESTs//1.9e-55:338:88//Hs.58582:T72588
 R-NT2RP2001969
 R-NT2RP2001976//ESTs//1.2e-98:499:95//Hs.121028:AA902745
 R-NT2RP2001985//ESTs, Weakly similar to GTPASE-ACTIVATING PROTEIN SPA-1 [M.musculus]//8.3e-15:118:
 89//Hs.18760:AA166678
 50 R-NT2RP2002025//ESTs//2.1e-82:393:98//Hs.159488:AI378233
 R-NT2RP2002032//ESTs//4.4e-98:531:91//Hs.93836:AA813332
 R-NT2RP2002033//ESTs//3.5e-43:229:96//Hs.30563:AA102627
 R-NT2RP2002041
 55 R-NT2RP2002046//ESTs//1.6e-101:476:99//Hs.101107:AA825938
 R-NT2RP2002047//ESTs//9.1e-85:431:95//Hs.116750:AA629895
 R-NT2RP2002058//ESTs//1.3e-31:163:99//Hs.33085:AA258068
 R-NT2RP2002066//ESTs//1.9e-87:459:93//Hs.118871:AA846091

R-NT2RP2002070//ESTs//4.1e-63:332:96//Hs.156446:T92265
R-NT2RP2002076//Homo sapiens clone 24804 mRNA sequence//1.7e-26:178:87//Hs.11039:AF052183
R-NT2RP2002079//ESTs//1.2e-79:389:97//Hs.135214:AI350524
R-NT2RP2002099//Homo sapiens mRNA for E1B-55kDa-associated protein//1.5e-60:376:89//Hs.155218:
5. AJ007509
R-NT2RP2002105//ESTs//8.4e-54:313:90//Hs.98702:AI123000
R-NT2RP2002124//ESTs//6.6e-81:431:93//Hs.127326:AA525134
R-NT2RP2002137//Deoxycytidine kinase//0.29:183:62//Hs.709:M60527
R-NT2RP2002154//ESTs//9.6e-97:539:91//Hs.18624:AA523268
10 R-NT2RP2002172//EST//0.69:53:75//Hs.156238:AI334495
R-NT2RP2002185//ESTs, Weakly similar to F15C11.2 [C.elegans]//1.4e-54:269:98//Hs.107201:W52859
R-NT2RP2002192//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.9e-
15:245:71//Hs.87578:AI125363
R-NT2RP2002193//ESTs//3.5e-79:45 3:90//Hs.76578:AI290672
15 R-NT2RP2002208//ESTs//2.0e-72:347:99//Hs.164028:AI003946
R-NT2RP2002219//EST//0.039:229:63//Hs.149830:AI287499
R-NT2RP2002231//ESTs//3.3e-64:337:94//Hs.79828:AA642341
R-nnnnnnnnnnnnn//ESTs, Highly similar to co-repressor protein [M.musculus]//5.4e-48:238:99//Hs.22583:
AA188168
20 R-NT2RP2002256//Homo sapiens retinoic acid hydroxylase mRNA, complete cds//1.6e-15:131:83//Hs.150595:
AF005418
R-NT2RP2002259//Human L-myc protein gene, complete cds//5.3e-99:548:91//Hs.92137:M19720
R-NT2RP2002270//ESTs, Weakly similar to AF-9 PROTEIN [H.sapiens]//4.8e-100:550:91//Hs.4029:Z78373
R-NT2RP2002292//ESTs, Weakly similar to F13B12.1 [C.elegans]//3.2e-92:482:93//Hs.5570:AI377863
25 R-NT2RP2002312//Homo sapiens CDP-diacylglycerol synthase 2 (CDS2) mRNA, partial cds//4.1e-103:527:94//
Hs.24812:AF069532
R-NT2RP2002316//ESTs//4.2e-91:425:100//Hs.3350:AI368015
R-NT2RP2002325//Homo sapiens peroxisomal biogenesis factor (PEX11a) mRNA, complete cds//1.2e-112:567:
95//Hs.31034:AB015594
30 R-NT2RP2002333//ESTs//1.9e-86:483:91//Hs.155198:AA767372
R-NT2RP2002385//Homo sapiens synaptic glycoprotein SC2 spliced variant mRNA, complete cds//1.2e-103:600:
89//Hs.109051:AF038958
R-NT2RP2002394//ESTs//0.11:158:65//Hs.28792:AI343467
R-NT2RP2002408//ESTs//1.5e-51:278:93//Hs.6044:W22815
35 R-NT2RP2002426//Homo sapiens mRNA for KIAA0563 protein, complete cds//1.7e-33:285:80//Hs.15731:
AB011135
R-NT2RP2002439//ESTs//3.2e-12:134:76//Hs.32246:AA464020
R-NT2RP2002457//ESTs//4.7e-52:282:94//Hs.21968:H97521
R-NT2RP2002464//ESTs//5.3e-27:148:98//Hs.115660:AI362230
40 R-NT2RP2002475//ESTs//3.9e-85:439:94//Hs.9873:W27233
R-nnnnnnnnnnnnn//Homo sapiens mRNA for ABC transporter 7 protein, complete cds//9.9e-115:605:92//Hs.
125856:AB005289
R-NT2RP2002498//ESTs//6.3e-37:227:93//Hs.108779:N73180
R-NT2RP2002503//ESTs//1.9e-54:358:86//Hs.57800:W60838
45 R-NT2RP2002504//Homo sapiens mRNA for KIAA0791 protein, complete cds//8.5e-107:583:91//Hs.23255:
AB018334
R-NT2RP2002520//ESTs//4.2e-99:509:94//Hs.32368:AA205305
R-NT2RP2002537//ESTs//4.2e-105:552:93//Hs.154363:AA533090
R-NT2RP2002546//Homo sapiens clone TUA8 Cri-du-chat region mRNA//2.6e-109:570:93//Hs.49476:AF009314
50 R-NT2RP2002549//DNA polymerase gamma//1.1e-35:189:86//Hs.80961:U60325
R-NT2RP2002591//ESTs, Weakly similar to ZINC FINGER PROTEIN 84 [H.sapiens]//7.5e-118:564:97//Hs.94549:
AA149547
R-NT2RP2002595//EST//1.4e-15:101:95//Hs.129528:AA994783
R-NT2RP2002606//ESTs//4.5e-99:475:98//Hs.45046:N40170
55 R-NT2RP2002609//ESTs//1.9e-104:568:92//Hs.9175:AI184220
R-NT2RP2002618//ESTs//0.014:493:57//Hs.96322:AA541615
R-NT2RP2002621//EST//4.4e-36:252:84//Hs.149580:AI281881
R-NT2RP2002643//ESTs//6.9e-32:247:74//Hs.33354:AA179944

R-NT2RP2002672
 R-NT2RP2002701//N-acetylglucosaminidase, alpha- (Sanfilippo disease IIIB//0.99:184:63//Hs.50727:U43572
 R-NT2RP2002706//EST//2.8e-41:148:86//Hs.161917:AA483223
 R-NT2RP2002710//EST//0.34:105:71//Hs.136747:AA749210
 5 R-NT2RP2002727//ESTs//8.7e-68:368:94//Hs.14366:T78626
 R-NT2RP2002736//ESTs//9.7e-98:457:99//Hs.74899:AA993300
 R-NT2RP2002740//Homo sapiens mRNA for KIAA0536 protein, partial cds//0.66:360:59//Hs.119139:AB011108
 R-NT2RP2002741//ESTs//3.1e-102:489:98//Hs.112024:AI042352
 R-NT2RP2002750//EST//3.6e-43:166:86//Hs.162404:AA573131
 10 R-NT2RP2002752//ESTs//5.0e-56:355:89//Hs.95867:M62042
 R-NT2RP2002753//ESTs//1.7e-49:262:96//Hs.49005:W89124
 R-NT2RP2002769//ESTs//1.3e-59:376:88//Hs.4046:H03587
 R-NT2RP2002778//Homo sapiens clone 24606 mRNA sequence//4.0e-65:341:94//Hs.17481:AF070537
 R-NT2RP2002800//ESTs//6.5e-08:79:84//Hs.153262:AA551124
 15 R-NT2RP2002839//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.6e-100:501:97//Hs.136202:AA206578
 R-NT2RP2002857//ESTs//4.3e-94:463:97//Hs.134292:AA603031
 R-NT2RP2002862//ESTs//2.3e-42:302:82//Hs.117969:H94870
 R-NT2RP2002880
 20 R-NT2RP2002891
 R-NT2RP2002925//ESTs//1.3e-103:564:92//Hs.142079:AA182894
 R-NT2RP2002928//ESTs//3.9e-108:502:99//Hs.29105:AA574143
 R-NT2RP2002929//ESTs//4.1e-106:499:99//Hs.44743:AA837096
 R-NT2RP2002954//ESTs//2.6e-88:417:99//Hs.100824:AI308771
 25 R-NT2RP2002959//ESTs//7.5e-101:489:97//Hs.32690:N57480
 R-NT2RP2002979//ESTs//5.4e-06:197:65//Hs.146726:AI147060
 R-NT2RP2002980//ESTs//1.0e-110:562:96//Hs.28444:AA083213
 R-NT2RP2002986//ESTs, Highly similar to RING CANAL PROTEIN [Drosophila melanogaster]//3.1e-119:578:97//
 Hs.106290:AI125291
 30 R-NT2RP2002987//Human mRNA for KIAA0331 gene, complete cds//1.0:78:74//Hs.146395:AB002329
 R-NT2RP2002993//ESTS, Weakly similar to DNA-DIRECTED RNA POLYMERASE II 140 KD POLYPEPTIDE [H.
 sapiens]//2.4e-98:467:98//Hs.86337:AA149311
 R-NT2RP2003000//ESTs//0.0070:400:61//Hs.138506:U85642
 R-NT2RP2003034//ESTs//9.3e-87:408:96//Hs.164042:H12594
 35 R-NT2RP2003073//Human transporter protein (g17) mRNA, complete cds//0.95:259:61//Hs.76460:U49082
 R-NT2RP2003099//Thromboxane A2 receptor//2.6e-42:328:81//Hs.89887:D38081
 R-NT2RP2003108//ESTs//2.3e-82:398:98//Hs.5105:AA115512
 R-NT2RP2003117//Human mRNA for KIAA0347 gene, complete cds//2.4e-49:336:86//Hs.101996:AB002345
 R-NT2RP2003121//ESTs//2.0e-75:380:96//Hs.133127:AA133355
 40 R-NT2RP2003125
 R-NT2RP2003129//EST//0.68:115:69//Hs.122196:AA780986
 R-NT2RP2003137//ESTs//2.1e-37:259:85//Hs.63169:N78506
 R-NT2RP2003161//ESTs//2.5e-88:451:96//Hs.29041:W37379
 R-NT2RP2003164//ESTs//4.3e-113:543:97//Hs.8980:AA629067
 45 R-NT2RP2003165//ESTs//6.9e-83:486:89//Hs.138632:H97952
 R-NT2RP2003177//ESTs//0.47:38:100//Hs.61790:AA421156
 R-NT2RP2003194//ESTs//4.7e-118:582:96//Hs.27266:AA053816
 R-NT2RP2003206//ESTs//0.032:388:58//Hs.122148:AA442074
 R-NT2RP2003230//ESTs//8.8e-103:478:99//Hs.40140:AI079253
 50 R-NT2RP2003237//ESTs//2.7e-76:392:96//Hs.106278:R37661
 R-NT2RP2003243//ESTs//3.6e-53:300:92//Rs.18793:AA192438
 R-NT2RP2003265//ESTs, Highly similar to protein NGD5 [M.musculus]//3.3e-110:557:96//Hs.24994:AA236937
 R-NT2RP2003272//ESTs, Weakly similar to F15C11.2 [C.elegans]//1.2e-34:228:89//Hs.107201:W52859
 R-NT2RP2003277//Homo sapiens mRNA for KIAA0625 protein, partial cds//1.4e-111:565:95//Hs.154919:
 55 AB014525
 R-NT2RP2003280//ESTs//2.6e-101:541:94//Hs.6982:AA622427
 R-NT2RP2003286//ESTs//1.2e-104:497:98//Hs.113052:AI222106
 R-NT2RP2003293//Human mRNA for KIAA0118 gene, partial cds//9.1e-44:458:74//Hs.154326:D42087

55

EP 1 074 617 A2

R-NT2RP2003777//ESTs//2.6e-59:323:94//Hs.10101:AI381811
R-NT2RP2003781//ESTs//2.0e-25:269:75//Hs.144951:N34836
R-NT2RP2003793//ESTs//8.7e-94:466:97//Hs.93949:AA782955
R-NT2RP2003840//ESTs//3.4e-97:533:93//Hs.16130:AA195077
5 R-NT2RP2003857//H.sapiens mRNA for G9a//2.8e-23:351:65//Hs.75196:X69838
R-NT2RP2003859//ESTs//3.0e-07:96:81//Hs.153262:AA551124
R-NT2RP2003871//ESTs//1.9e-102:509:97//Hs.25726:AA430167
R-NT2RP2003885//ESTs//1.0e-102:502:97//Hs.36353:AA702341
R-NT2RP2003912//EST//1.2e-38:336:76//Hs.134975:AI094611
10 R-NT2RP2003952//Homo sapiens DNA-binding protein (CROC-1B) mRNA, complete cds//0.90:190:60//Hs.
75875:U49278
R-NT2RP2003968//Homo sapiens hUBP mRNA for ubiquitin specific protease, complete cds//7.6e-116:568:97//
Hs.35086:AB014458
R-NT2RP2003976//Homo sapiens mRNA for KIAA0447 protein, complete cds//3.6e-109:540:97//Hs.7302:
15 AB007916
R-NT2RP2003981//Homo sapiens mRNA for KIAA0804 protein, partial cds//2.5e-115:568:96//Hs.7316:AB018347
R-NT2RP2003984
R-NT2RP2003986//ESTs//4.9e-36:272:82//Hs.158268:AA738087
R-NT2RP2003988//ESTs, Weakly similar to reverse transcriptase [H.sapiens]//3.2e-110:519:99//Hs.36093:
20 AI149968
R-NT2RP2004014//ESTs//8.4e-102:483:99//Hs.22867:AI417478
R-NT2RP2004041
R-NT2RP2004042//ESTs//1.5e-105:466:97//Hs.7296:N29706
R-nnnnnnnnnnnn//ESTs//1.4e-110:559:96//Hs.71916:AA219699
25 R-NT2RP2004081//ESTs//3.7e-105:503:98//Hs.27542:AA977204
R-NT2RP2004098//EST//7.3e-26:203:87//Hs.21897:R41461
R-NT2RP2004124//ESTs//1.1e-83:435:95//Hs.43299:N23036
R-NT2RP2004142//EST//1.3e-06:165:65//Hs.146742:AI147500
R-NT2RP2004152//ESTs//7.0e-98:455:100//Hs.17731:AI342241
30 R-NT2RP2004165//ESTs, Highly similar to DYNEIN BETA CHAIN, CILIARY [Anthocidaris crassispina]//1.0e-118:
583:97//Hs.16520:AI224533
R-NT2RP2004170//ESTs//6.7e-66:407:88//Hs.157138:AI348544
R-NT2RP2004172//ESTs//1.5e-109:567:95//Hs.159091:AA033974
R-NT2RP2004187//ESTs//3.6e-92:488:93//Hs.22954:W26589
35 R-NT2RP2004194//ESTs//6.2e-114:585:95//Hs.18778:AA203167
R-NT2RP2004196
R-NT2RP2004207//ESTs//6.3e-102:488:98//Hs.22678:AA604756
R-NT2RP2004226//ESTs//8.8e-18:252:71//Hs.11924:W26972
R-NT2RP2004232//ESTs, Highly similar to protein kinase C mu [H.sapiens]//5.2e-105:499:98//Hs.143460:
40 AA483305
R-NT2RP2004239//ESTs//1.2e-16:171:80//Hs.16134:AA203116
R-NT2RP2004240//Homo sapiens antigen NY-CO-1 (NY-CO-1) mRNA, complete cds//3.4e-103:530:93//Hs.
54900:AF039687
R-NT2RP2004242//ESTs//1.3e-85:460:93//Hs.104535:AA211483
45 R-NT2RP2004245//ESTs//6.4e-117:575:97//Hs.23744:AA035744
R-NT2RP2004270//ESTs//1.0:95:69//Hs.141371:H92187
R-NT2RP2004300//ESTs//4.4e-80:379:99//Hs.130874:AA905056
R-NT2RP2004316//Homo sapiens EXT-like protein 2 (EXTL2) mRNA, complete cds//4.7e-110:544:96//Hs.61152:
AF000416
50 R-NT2RP2004321//ESTs//2.1e-18:104:99//Hs.107207:AA044788
R-NT2RP2004339//EST//1.4e-47:309:86//Hs.161917:AA483223
R-NT2RP2004347
R-NT2RP2004364//ESTs//1.1e-113:566:96//Hs.25880:AI268173
R-NT2RP2004365//ESTs//0.022:271:62//Hs.38897:AI129310
55 R-NT2RP2004366//ESTs//9.5e-71:335:100//Hs.91867:AI218624
R-NT2RP2004373//ESTs//4.2e-25:172:87//Hs.83243:N32192
R-NT2RP2004389//ESTs, Highly similar to HYPOTHETICAL 70.7 KD PROTEIN F09G8.3 IN CHROMOSOME III
[Caenorhabditis elegans]//1.4e-11:108:82//Hs.30490:AA146916

EP 1 074 617 A2

R-NT2RP2004392//ESTs//3.4e-81:427:94//Hs.5827:AA581646
 R-NT2RP2004396//EST//5.6e-06:100:77//Hs.138623:H92473
 R-NT2RP2004399//EST//0.98:337:59//Hs.118446:N67900
 R-NT2RP2004400//ESTs//2.1e-90:422:100//Hs.152460:AA602921
 5 R-NT2RP2004412//ESTs//1.4e-105:503:98//Hs.15929:AA403121
 R-NT2RP2004425//EST//0.00017:225:60//Hs.146935:AI168124
 R-NT2RP2004476//ESTs//1.4e-88:477:94//Hs.4859:N29695
 R-NT2RP2004490//Homo sapiens 3-phosphoinositide dependent protein kinase-1 (PKD1) mRNA, complete cds//
 8.6e-34:143:98//Hs.154729:AF017995
 10 R-NT2RP2004512//ESTs//2.6e-91:426:100//Hs.94133:AI270700
 R-NT2RP2004523//ESTs//1.6e-74:377:97//Hs.14217:R61320
 R-NT2RP2004538//Thromboxane A2 receptor//1.4e-45:279:89//Hs.89887:D38081
 R-NT2RP2004551//ESTs//0.47:147:66//Hs.131519:AI024347
 R-NT2RP2004568//ESTs//1.3e-107:567:94//Hs.65234:AA195470
 15 R-NT2RP2004580//ESTs//5.9e-29:156:98//Hs.147801:AI221661
 R-NT2RP2004587//ESTs//1.0e-102:495:97//Hs.91662:AA781126
 R-NT2RP2004594//ESTs//4.1e-56:298:95//Hs.24641:AA954666
 R-NT2RP2004600//ESTs//4.8e-67:374:93//Hs.49762:N69862
 R-NT2RP2004602//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//4.5e-07:
 20 149:76//Hs.12845:N28835
 R-NT2RP2004614//ESTs//1.0e-111:557:96//Hs.37892:N53497
 R-NT2RP2004655//Homo sapiens mRNA for leucine rich protein//2.4e-118:587:96//Hs.5198:AJ006291
 R-NT2RP2004664//Homo sapiens mRNA for KIAA0460 protein, partial cds//5.9e-107:520:96//Hs.29956:
 AB007929
 25 R-NT2RP2004675//ESTs//2.7e-82:407:97//Hs.116113:F18930
 R-NT2RP2004681//NUCLEOLIN//0.34:387:58//Hs.79110:M60858
 R-NT2RP2004689//Homo sapiens mRNA for KIAA0625 protein, partial cds//5.0e-120:600:96//Hs.154919:
 AB014525
 R-NT2RP2004709//ESTs//1.1e-106:511:98//Hs.38034:AI149793
 30 R-NT2RP2004710//ESTs//9.9e-87:477:93//Hs.6834:AA203433
 R-NT2RP2004736//Homo sapiens mRNA for KIAA0478 protein, complete cds//1.3e-118:594:96//Hs.4236:
 AB007947
 R-NT2RP2004743//ESTs//2.1e-48:327:88//Hs.43635:AA447015
 R-NT2RP2004767//EST//4.0e-57:328:81//Hs.142796:N51423
 35 R-NT2RP2004775//ESTs//9.4e-60:326:94//Hs.115339:AA136774
 R-NT2RP2004791//ESTs//3.2e-82:367:96//Hs.141911:N64013
 R-NT2RP2004799//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS) mRNA, partial cds//
 8.0e-116:564:96//Hs.40820:AF058953
 R-NT2RP2004802//ESTs//6.5e-111:586:94//Hs.90375:W74579
 40 R-NT2RP2004816//Homo sapiens H beta 58 homolog mRNA, complete cds//8.7e-120:584:97//Hs.67052:
 AF054179
 R-NT2RP2004841//EST//3.8e-31:323:74//Hs.147714:AI219906
 R-NT2RP2004861//EST//0.92:147:63//Hs.23064:R20803
 R-NT2RP2004897//ESTs//1.7e-46:390:80//Hs.139225:H96567
 45 R-NT2RP2004936//EST//0.97:176:63//Hs.137436:AA280529
 R-nnnnnnnnnnnn//ESTs//0.059:137:64//Hs.144109:AI345543
 R-NT2RP2004961//ESTs//1.8e-87:409:100//Hs.138297:AA781941
 R-NT2RP2004962//ESTs//0.0021:292:59//Hs.145917:AI275458
 R-NT2RP2004967//Human mRNA for KIAA0118 gene, partial cds//7.4e-51:506:75//Hs.154326:D42087
 50 R-NT2RP2004978//ESTs//0.95:138:63//Hs.13619:W93496
 R-NT2RP2004982//ESTs//7.8e-95:468:97//Hs.22545:R43910
 R-NT2RP2004985
 R-NT2RP2004999//ESTs//2.9e-94:450:98//Hs.128766:AI419902
 R-NT2RP2005000
 55 R-NT2RP2005001//Homo sapiens mRNA for KIAA0615 protein, complete cds//9.6e-113:577:95//Hs.155972:
 AB014515
 R-NT2RP2005003//EST//1.3e-75:387:96//Hs.140843:R42235
 R-nnnnnnnnnnnn//Homo sapiens SEC63 (SEC63) mRNA, complete cds//3.1e-116:568:97//Hs.31575:AF100141

R-NT2RP2005018//ESTs//7.5e-46:280:90//Hs.126857:AA932161
 R-NT2RP2005020//ESTs//1.6e-105:554:94//Hs.14846:AA148507
 R-NT2RP2005031//ESTs//3.1e-79:379:99//Hs.139709:AA227887
 R-NT2RP2005037//ESTs//5.3e-102:551:93//Hs.26516:AA195220
 5 R-NT2RP2005038//ESTs//5.8e-101:566:92//Hs.46964:N49757
 R-NT2RP2005108
 R-NT2RP2005116//Homo sapiens mRNA for KIAA0664 protein, partial cds//2.7e-105:518:97//Hs.22616:AB014564
 R-NT2RP2005126//H.sapiens mRNA for RNA helicase (Myc-regulated dead box protein)//4.6e-69:464:85//Hs.100555:X98743
 10 R-NT2RP2005139//ESTs//1.0e-108:545:95//Hs.21006:AA523383
 R-NT2RP2005140//ESTs//4.3e-90:422:99//Hs.62180:AI341261
 R-NT2RP2005144//ESTs//0.91:162:62//Hs.52399:AI075744
 R-NT2RP2005147//ESTs//4.6e-100:502:96//Hs.27931:AA633438
 15 R-NT2RP2005159//ESTs//7.5e-105:533:95//Hs.109819:AI357582
 R-NT2RP2005162//ESTs//6.6e-83:419:96//Hs.113998:H50648
 R-NT2RP2005168//Homo sapiens mRNA for EIB-55kDa-associated protein//2.4e-101:513:95//Hs.155218:AJ007509
 R-NT2RP2005204//ESTs, Weakly similar to UBIQUITIN-ACTIVATING ENZYME E1 HOMOLOG [H.sapiens]//1.9e-115:577:96//Hs.7600:H98166
 20 R-NT2RP2005227//Homo sapiens UM protein mRNA, complete cds//1.0e-45:359:82//Hs.154103:AF061258
 R-NT2RP2005239//ESTs, Highly similar to NIFS-LIKE 54.5 KD PROTEIN [Saccharomyces cerevisiae]//1.0e-47:245:97//Hs.21090:AA418587
 R-NT2RP2005254//ESTs//3.3e-111:581:94//Hs.22549:AA524503
 25 R-NT2RP2005270//ESTs, Highly similar to HYPOTHETICAL 67.6 KD PROTEIN ZK637.3 IN CHROMOSOME III [Caenorhabditis elegans]//1.1e-79:412:95//Hs.23047:N66596
 R-NT2RP2005276//ESTs//4.6e-85:426:96//Hs.24550:AA316272
 R-NT2RP2005287//ESTs//1.7e-109:565:94//Hs.61976:AI279001
 R-NT2RP2005288//Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete cds//2.4e-125:594:98//Hs.27007:AF060219
 30 R-NT2RP2005289//Homo sapiens mRNA for XPR2 protein//4.9e-112:545:96//Hs.44766:AJ007590
 R-NT2RP2005293//ESTs//5.1e-116:538:99//Hs.62180:AI341261
 R-NT2RP2005315//ESTs//1.4e-82:415:97//Hs.155829:AA018338
 R-NT2RP2005325//Human LIM-homeobox domain protein (hLH-2) mRNA, complete cds//2.5e-45:272:91//Hs.1569:U11701
 35 R-NT2RP2005336//ESTs//1.9e-93:444:99//Hs.110966:AA151699
 R-NT2RP2005344//Homo sapiens GDP-L-fucose pyrophosphorylase (GFPP) mRNA, complete cds//0.011:463:58//Hs.150926:AF017445
 R-NT2RP2005354//ESTs//7.2e-22:148:91//Hs.153783:H14544
 40 R-NT2RP2005360//ESTs//0.048:225:60//Hs.7602:AA099247
 R-NT2RP2005393//Homo sapiens mRNA for KIAA0761 protein, partial cds//2.9e-41:248:82//Hs.93121:AB018304
 R-NT2RP2005407//ESTs, Weakly similar to OSH1 PROTEIN [Saccharomyces cerevisiae]//2.5e-75:461:88//Hs.70849:AA121697
 R-NT2RP2005436//ESTs, Weakly similar to HYPOTHETICAL 37.0 KD PROTEIN B0495.8 IN CHROMOSOME II [C.elegans]//8.1e-96:491:95//Hs.7194:AI185631
 45 R-NT2RP2005441//ESTs//1.1e-110:548:96//Hs.5209:AA780068
 R-NT2RP2005453//ESTs//0.94:352:58//Hs.25870:H14423
 R-NT2RP2005457//ESTs//2.1e-46:236:97//Hs.19522:AA975096
 R-NT2RP2005464//ESTs//1.8e-72:349:99//Hs.44045:N51307
 50 R-NT2RP2005465//ESTs//0.0058:322:58//Hs.127009:AI378936
 R-NT2RP2005472//ESTs//0.47:309:60//Hs.144838:AI222019
 R-NT2RP2005476//ESTs//5.1e-40:205:9811Hs.101577:AI168526
 R-NT2RP2005490//ESTs//L3e-70:364:96//Hs.134382:AA083573
 R-NT2RP2005491//EST//0.012:220:60//Hs.144448:AA812455
 55 R-NT2RP2005495//ESTs//1.2e-86:501:91//Hs.99445:R93540
 R-NT2RP2005496//ESTs//3.2e-34:263:81//Hs.70279:AA757426
 R-NT2RP2005498//ESTs, Highly similar to PROTEIN PHOSPHATASE PP2A, 55 KD REGULATORY SUBUNIT, NEURONAL ISOFORM [Oryctolagus cuniculus]//2.3e-45:284:88//Hs.85752:AI138993

R-NT2RP2005501//ESTs//2.5e-84:404:98//Hs.143812:AI141755
 R-NT2RP2005509//ESTs, Highly similar to HYPOTHETICAL 37.2 KD PROTEIN C12C2.09C IN CHROMOSOME
 I [Schizosaccharomyces pombe]//8.2e-36:215:92//Hs.5298:AA725071
 R-NT2RP2005520//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds//3.2e-110:
 5 570:9411Hs.119023:AF092563
 R-NT2RP2005525//ESTs, Weakly similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.sapiens]//1.3e-84:
 433:95//Hs.36942:AA524535
 R-NT2RP2005531//EST//0.98:64:70//Hs.146573:AI139856
 R-NT2RP2005539//Homo sapiens mRNA for NS1-binding protein (NS1-BP)//8.8e-108:560:94//Hs.159597:
 10 AJ012449
 R-NT2RP2005540//Homo sapiens mRNA for KIAA0494 protein, complete cds//1.7e-115:583:96//Hs.62515:
 AB007963
 R-NT2RP2005549//EST//0.61:111:62//Hs.147482:AI215572
 R-NT2RP2005555//ESTs//6.6e-108:507:99//Hs.68613:AI357567
 15 R-NT2RP2005557//ESTs//3.1e-105:495:99//Hs.105985:AA885169
 R-NT2RP2005581//ESTs//1.7e-79:445:92//Hs.138152:H03240
 R-NT2RP2005600//ESTs//1.3e-38:192:100//Hs.48329:W92733
 R-NT2RP2005605//ESTs//7.6e-87:409:99//Hs.45005:AA975060
 R-NT2RP2005620//ESTs//2.9e-96:463:97//Hs.7407:AI376788
 20 R-NT2RP2005622//ESTs//1.8e-104:497:98//Hs.22595:AA394229
 R-NT2RP2005637//EST//2.5e-20:163:71//Hs.161164:AI418211
 R-NT2RP2005640//ESTs//5.0e-99:473:98//Hs.23467:AA708740
 R-NT2RP2005645//ESTs//9.5e-23:231:77//Hs.5534:AA195173
 R-NT2RP2005651//ESTs, Highly similar to XFIN PROTEIN [Xenopus laevis]//2.9e-103:525:96//Hs.70589:
 25 AA868470
 R-NT2RP2005654//Insulin-like growth factor binding protein 2//0.94:223:60//Hs.162:X16302
 R-NT2RP2005669//Homo sapiens nitrilase 1 (VIII) mRNA, complete cds//2.7e-14:87:100//Hs.146406:AF069987
 R-NT2RP2005675//Homo sapiens growth suppressor related (DOC-1R) mRNA, complete cds//5.8e-91:434:98//
 Hs.25664:AF089814
 30 R-NT2RP2005683//ESTs//1.5e-98:494:96//Hs.22595:AA394229
 R-NT2RP2005690//ESTs//4.8e-43:286:86//Hs.150727:AI292236
 R-NT2RP2005694//EST//3.1e-82:386:100//Hs.149391:AI273643
 R-NT2RP2005701//ESTs, Highly similar to BUTYROPHILIN PRECURSOR [Bos tauros]//2.8e-68:376:93//Hs.
 9095:AA532630
 35 R-NT2RP2005712//Homo sapiens mRNA for KIAA0799 protein, partial cds//1.3e-105:503:98//Hs.61638:
 AB018342
 R-NT2RP2005719//ESTs, Weakly similar to GPI-anchored protein p137 precursor [H.sapiens]//5.4e-105:500:98//
 Hs.14298:AI417523
 R-NT2RP2005722//EST//6.5e-76:395:94//Hs.142150:AA223982
 40 R-NT2RP2005723//ESTs//1.5e-84:452:93//Hs.91753:R44455
 R-NT2RP2005726//ESTs//3.5e-64:500:82//Hs.100526:AI223153
 R-NT2RP2005741//ESTs//4.7e-60:333:93//Hs.107242:R40258
 R-NT2RP2005748//ESTs//3.4e-102:498:97//Hs.82660:N78064
 R-NT2RP2005752//Homo sapiens TNFR-related death receptor-6 (DR6) mRNA, complete cds//4.3e-42:223:96//
 45 Hs.159651:AF068868
 R-NT2RP2005753//Homo sapiens I-1 receptor candidate protein mRNA, complete cds//1.2e-104:494:98//Hs.
 26285:AF082516
 R-NT2RP2005763//ESTs//1.1e-97:456:99//Hs.65412:AI362163
 R-NT2RP2005767//ESTs//8.0e-38:204:96//Hs.18460:AA193463
 50 R-NT2RP2005773//ESTs, Highly similar to PYRROLINE-5-CARBOXYLATE REDUCTASE [Homo sapiens]//5.4e-
 112:559:96//Hs.14214:AI189379
 R-NT2RP2005775//ESTs, Highly similar to NEUROLYSIN PRECURSOR [Sus scrofa]//3.0e-108:544:96//Hs.
 22151:AI214321
 R-NT2RP2005781//ESTs//1.7e-43:217:99//Hs.144391:AA365664
 55 R-NT2RP2005784//EST//0.0071:217:60//Hs.117332:AA699724
 R-NT2RP2005804//ESTs//8.8e-107:512:98//Hs.15496:W44398
 R-NT2RP2005812//ESTs//9.0e-76:359:99//Hs.113937:AI298746
 R-NT2RP2005815//ESTs//5.5e-76:363:99//Hs.136230:AA594981

R-NT2RP2005835//ESTs//1.5e-100:541:94//Hs.86813:N25122
 R-NT2RP2005841//ESTs//2.8e-105:556:92//Hs.69993:AA628403
 R-NT2RP2005853//EST//2.0e-13:219:70//Hs.134016:AI076062
 R-NT2RP2005857//ESTs//1.0e-115:576:96//Hs.30663:AI338462
 5 R-NT2RP2005859//ESTs//7.3e-116:571:97//Hs.85986:AA195105
 R-NT2RP2005868//EST//0.00023:320:61//Hs.149689:AI284133
 R-NT2RP2005890//ESTs//1.0e-96:466:98//Hs.122579:AA766315
 R-NT2RP2005901//ESTs//8.3e-116:548:98//Hs.66296:AI125268
 R-NT2RP2005908//ESTs, Weakly similar to weakly similar to gastrula zinc finger protein [C.elegans]//2.4e-73:397:
 10 94//Hs.16667:T92427
 R-NT2RP2005933//ESTs, Highly similar to nucleoporin p54 [R.norvegicus]//2.8e-114:560:97//Hs.9082:AA873170
 R-NT2RP2005942//ESTs//5.6e-117:582:96//Hs.146123:AI338419
 R-NT2RP2005980//ESTs//6.9e-101:478:98//Hs.43145:AA776988
 R-NT2RP2006023//Homo sapiens PYRIN (MEFV) mRNA, complete cds//8.5e-51:398:80//Hs.113283:AF018080
 15 R-NT2RP2006038//ESTs//0.025:284:59//Hs.97852:AA404347
 R-NT2RP2006043//ESTs, Weakly similar to HYPOTHETICAL 37.0 KD PROTEIN B0495.8 IN CHROMOSOME II
 [C.elegans]//1.2e-50:278:94//Hs.7194:AI185631
 R-NT2RP2006052//ESTs//5.0e-52:272:95//Hs.99545:AA461492
 R-NT2RP2006069//ESTs//1.8e-90:495:93//Hs.43654:AA522714
 20 R-NT2RP2006071//ESTs//1.5e-38:218:94//Hs.107882:W72093
 R-NT2RP2006098//ESTs//2.9e-105:540:95//Hs.26860:N56918
 R-NT2RP2006100//Human organic anion transporting polypeptide (OATP) mRNA, complete cds//0.031:254:62//
 Hs.46440:U21943
 R-NT2RP2006103//ESTs//1.5e-86:416:98//Hs.152114:AA401365
 25 R-NT2RP2006141//ESTs//5.3e-88:432:98//Hs.77480:AA100522
 R-NT2RP2006166//Homo sapiens LIM protein mRNA, complete cds//2.8e-17:255:72//Hs.154103:AF061258
 R-NT2RP2006184//ESTs//8.4e-101:487:98//Hs.58009:W69435
 R-NT2RP2006186//Homo sapiens mRNA for KIAA0654 protein, partial cds//6.1e-110:553:95//Hs.109299:
 AB014554
 30 R-NT2RP2006196//Human clone 23960 mRNA sequence//0.0037:48:100//Hs.151293:U79276
 R-NT2RP2006200//ESTs//6.5e-77:398:96//Hs.163953:R01398
 R-NT2RP2006219//H.sapiens mRNA for DGCR6 protein//1.2e-94:532:90//Hs.153910:X96484
 R-NT2RP2006237//ESTs//1.2e-57:305:95//Hs.86149:AI341312
 R-NT2RP2006238//ESTs, Highly similar to rA8 [R.norvegicus]//1.5e-29:183:91//Hs.4048:AA404253
 35 R-NT2RP2006258//ESTs//3.2e-87:462:94//Hs.141556:N49928
 R-NT2RP2006261//ESTs//3.4e-57:3 26:92//Hs.22523:W02999
 R-NT2RP2006312//Homo sapiens BAF57 (BAF57) gene, complete cds//4.7e-96:481:97//Hs.3404:AF035262
 R-NT2RP2006320//EST//3.4e-21:335:65//Hs.141603:N66015
 R-NT2RP2006321//ESTs, Moderately similar to karyopherin beta 3 [H.sapiens]//1.9e-89:460:96//Hs.21889:
 40 N78664
 R-NT2RP2006323//ESTs//3.5e-91:439:98//Hs.61697:AI081771
 R-NT2RP2006333//ESTs//4.9e-38:301:82//Hs.155999:AA196412
 R-NT2RP2006334//EST//3.1e-45:264:91//Hs.149599:AI282321
 R-NT2RP2006365//ESTs//2.9e-81:417:95//Hs.11814:W44411
 45 R-NT2RP2006393//Cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 2//3.9e-48:403:
 77//Hs.1361:M55053
 R-NT2RP2006436//Homo sapiens mRNA for small GTP-binding protein, complete cds//1.4e-27:155:76//Hs.
 115325:D84488
 R-NT2RP2006441//ESTs//6.0e-108:529:97//Hs.101282:N45092
 50 R-NT2RP2006454//ESTs//9.2e-20:110:99//Hs.144687:AI341146
 R-NT2RP2006456//ESTs//7.1e-91:508:92//Hs.12488:W63595
 R-NT2RP2006464//Homo sapiens mRNA for AND-1 protein//2.1e-109:524:97//Hs.72160:AJ006266
 R-NT2RP2006467//EST//0.99:140:61//Hs.146958:AI174478
 R-NT2RP2006472//ESTs//3.3e-92:473:95//Hs.29216:AA916679
 55 R-NT2RP2006534//ESTs//1.2e-83:394:99//Hs.162116:AA524947
 R-NT2RP2006554//ESTs//1.0e-87:460:95//Hs.47095:AA181474
 R-NT2RP2006565//ESTs//3.2e-24:129:100//Hs.13499:AI299886
 R-NT2RP2006571//ESTs//2.6e-56:306:94//Hs.98370:AA316622

- R-nnnnnnnnnnnn//ESTs//2.0e-112:533:98//Hs.18685:AI393829
 R-NT2RP2006598//ESTs, Weakly similar to retinoid X receptor interacting protein [M.musculus]//4.1e-109:542:97//Hs.7889:AI337112
 R-NT2RP3000002//ESTs//1.3e-08:399:59//Hs.126044:AI301598
 5 R-NT2RP3000031//Homo sapiens mRNA for histone deacetylase-like protein (JM21)//1.9e-116:560:97//Hs.6764:AJ011972
 R-NT2RP3000046//Small inducible cytokine A5 (RANTES)//1.9e-57:312:85//Hs.155464:AF088219
 R-NT2RP3000047//EST//0.91:130:66//Hs.140208:AA702213
 R-NT2RP3000050//ESTs, Weakly similar to putative p150 [H.sapiens]//3.1e-41:249:90//Hs.156155:AI222202
 10 R-NT2RP3000055//EST//2.4e-19:146:86//Hs.160497:AI255095
 R-NT2RP3000072//ESTs//2.2e-82:424:96//Hs.21542:N49574
 R-NT2RP3000080//ESTs//2.1e-29:186:89//Hs.153372:AA424029
 R-NT2RP3000085//ESTs//4.5e-101:482:98//Hs.47649:AA838715
 R-NT2RP3000109//ESTs//9.5e-97:455:99//Hs.17731:AI342241
 15 R-NT2RP3000134//EST//4.7e-106:497:99//Hs.125531:AA884000
 R-NT2RP3000142//Homo sapiens mRNA for KIAA0592 protein, partial cds//1.2e-116:578:96//Hs.13273:AB011164
 R-NT2RP3000149//ESTs//7.7e-62:361:90//Hs.6649:N93418
 R-NT2RP3000186
 20 R-NT2RP3000197//ESTs//1.5e-75:436:91//Hs.140931:R51882
 R-NT2RP3000207//ESTs//1.3e-98:468:98//Hs.126908:AA933091
 R-NT2RP3000220//ESTs//2.2e-27:144:99//Hs.106861:R61306
 R-NT2RP3000233//EST//7.8e-77:368:99//Hs.49075:N64817
 R-NT2RP3000235//ESTs//0.43:82:74//Hs.132828:AI032819
 25 R-NT2RP3000247//EST//2.2e-97:459:99//Hs.127928:AA969239
 R-NT2RP3000251
 R-NT2RP3000252//ESTs, Weakly similar to Lpg15p [S.cerevisiae]//2.0e-108:532:97//Hs.111086:AI379177
 R-NT2RP3000255//EST//0.67:93:67//Hs.120579:AA743073
 R-NT2RP3000267//ESTs//8.5e-108:542:95//Hs.24984:AA534446
 30 R-NT2RP3000299//ESTs, Weakly similar to enhancer of filamentation 1 [H.sapiens]//3.6e-103:516:96//Hs.4894:AI191323
 R-NT2RP3000312//ESTs//1.3e-100:493:97//Hs.29379:AI094117
 R-NT2RP3000320//ESTs//3.2e-95:538:91//Hs.118793:AA192438
 R-NT2RP3000324
 35 R-NT2RP3000333//ESTs//6.0e-39:194:100//Hs.119238:AA476267
 R-NT2RP3000341//ESTs//0.51:251:61//Hs.94090:AA777689
 R-NT2RP3000348//EST//1.8e-80:389:98//Hs.145944:AI276225
 R-NT2RP3000350//ESTs, Weakly similar to Lpg15p [S.cerevisiae]//3.1e-110:556:96//Hs.111086:AI379177
 R-NT2RP3000359//EST//4.9e-61:340:92//Hs.126495:AA913741
 40 R-NT2RP3000361//ESTs, Weakly similar to PRE-MRNA SPLICING FACTOR PRP6 [S.cerevisiae]//4.8e-91:439:97//Hs.31334:AI144423
 R-NT2RP3000366//EST//0.20:392:57//Hs.149652:AI283303
 R-NT2RP3000397//EST//8.7e-26:150:94//Hs.124617:AA855106
 R-NT2RP3000403//Homo sapiens formin binding protein 21 mRNA, complete cds//4.2e-111:529:98//Hs.28307:AF071185
 45 R-NT2RP3000418//EST//3.3e-09:202:67//Hs.117189:AA682947
 R-NT2RP3000433
 R-NT2RP3000439//ESTs//3.1e-79:426:92//Hs.26548:W26340
 R-NT2RP3000441//ESTs//6.3e-84:420:97//Hs.137482:AA421254
 50 R-NT2RP3000449//ESTs//4.9e-93:435:99//Hs.54617:AI379102
 R-NT2RP3000451//ESTs//2.3e-89:439:97//Hs.9196:AA748492
 R-NT2RP3000456//Homo Sapiens (clone B3B3E13) chromosome 4p16.3 DNA fragment//1.8e-23:347:70//Hs.114963:L34408
 R-NT2RP3000484//Heparin cofactor II//0.98:166:62//Hs.1478:M58600
 55 R-NT2RP3000487//ESTs//0.012:384:60//Hs.88684:AA885141
 R-NT2RP3000512//Homeo box B3//2.0e-69:377:93//Hs.49931:X16667
 R-NT2RP3000526//ESTs//1.6e-91:432:99//Hs.38042:AA187151
 R-NT2RP3000527//ESTs//1.2e-100:518:94//Hs.104557:AI078161

R-NT2RP3000531//ESTs, Weakly similar to TH1 protein [D.melanogaster]//0.95:85:71//Hs.5184:AA709151
 R-NT2RP3000542//ESTs//2.6e-53:375:84//Hs.44158:N30180
 R-NT2RP3000561//EST//1.1e-13:170:75//Hs.148421:AI198036
 R-NT2RP3000562//Human mRNA for KIAA0233 gene, complete cds//0.97:141:68//Hs.79077:D87071
 5 R-NT2RP3000578//ESTs//2.6e-68:324:100//Hs.5445:AA779447
 R-NT2RP3000582//ESTs//2.1 e-25:131:80//Hs.152465:AA563785
 R-NT2RP3000584//ESTs//1.8e-97:460:99//Hs.120698:AI241511
 R-NT2RP3000590//ESTs//2.0e-97:453:100//Hs.105355:AA953817
 R-NT2RP3000592//ESTs//2.8e-91:432:99//Hs.144304:AI190916
 10 R-ntnnnnnnnnnn//Human mRNA for KIAA0314 gene, partial cds//1.5e-09:447:58//Hs.155045:AB002312
 R-NT2RP3000599//ESTs//3.8e-93:437:99//Hs.23971:AA829880
 R-NT2RP3000605//ESTs//4.2e-111:554:96//Hs.40780:AA422049
 R-NT2RP3000622//ESTs//2.0e-100:473:99//Hs.11387:AI127394
 R-NT2RP3000624//ESTs, Weakly similar to KIAA0256 [H.sapiens]//5.4e-115:545:98//Hs.4857:AI090739
 15 R-NT2RP3000628//Homo sapiens mRNA for KIAA0772 protein, complete cds//4.3e-49:397:80//Hs.15519:AB018315
 R-NT2RP3000632//ESTs, Moderately similar to cyclin-selective ubiquitin carrier protein [H.sapiens]//6.3e-92:434:99//Hs.152517:AA719022
 R-NT2RP3000644//ESTs//1.0e-44:306:84//Hs.155498:W27084
 20 R-NT2RP3000661//ESTs//3.1e-95:470:97//Hs.126069:W76185
 R-NT2RP3000665//ESTs//3.3e-95:503:94//Hs.34313:W81185
 R-NT2RP3000685//ESTs//2.7e-99:515:94//Hs.9711:R60873
 R-NT2RP3000690//ESTs//3.3e-88:414:99//Hs.1465 89:AI085578
 R-NT2RP3000736
 25 R-NT2RP3000742//ESTs, Highly similar to 1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODI-ESTERASE DELTA 1 [Rattus norvegicus]//1.8e-07:114:75//Hs.136065:W21960
 R-NT2RP3000753//ESTs//3.1e-99:461:100//Hs.150901:AI310447
 R-NT2RP3000759//ESTs//2.0e-74:384:95//Hs.104222:AA207243
 R-NT2RP3000815//ESTs//8.5e-97:455:99//Hs.158897:AI378583
 30 R-NT2RP3000825//EST//0.0089:343:59//Hs.42897:N20810
 R-NT2RP3000826//EST//3.4e-33:342:74//Hs.162236:AA551582
 R-NT2RP3000836//ESTs//6.8e-24:181:84//Hs.134464:AI151081
 R-NT2RP3000841//ESTs//4.5e-93:491:93//Hs.23618:H98082
 R-NT2RP3000845//ESTs//2.4e-88:473:93//Hs.8312:AA813022
 35 R-NT2RP3000847//ESTs//9.3e-89:460:95//Hs.154106:AI051657
 R-NT2RP3000850
 R-NT2RP3000852//Fibrillin 2//0.55:237:63//Hs.79432:U03272
 R-NT2RP3000859//ESTs//1.4e-96:509:94//Hs.7187:AA576895
 R-NT2RP3000865//EST//4.8e-23:461:66//Hs.162088:AA505741
 40 R-NT2RP3000868//ESTs//5.4e-78:430:93//Hs.102796:N70837
 R-NT2RP3000869//ESTs//8.5e-77:397:94//Hs.84484:AI014673
 R-NT2RP3000875//Mevalonate kinase//3.8e-78:531:84//Hs.75138:M88468
 R-NT2RP3000901//ESTs//2.1e-95:466:97//Hs.10647:AA428217
 R-NT2RP3000904//ESTs//1.6e-79:380:99//Hs.100850:AA479385
 45 R-NT2RP3000917//ESTs, Highly similar to mouse Dhml protein [M.musculus]//9.5e-113:566:96//Hs.5900:AA035728
 R-NT2RP3000919
 R-NT2RP3000968//40S RIBOSOMAL PROTEIN S15A//1.5e-25:375:71//Hs.2953:X84407
 R-NT2RP3000980//ESTs//3.3e-72:364:96//Hs.9536:AA114178
 50 R-NT2RP3000994//ESTs//3.5e 111:537:97//Hs.21146:AA683542
 R-NT2RP3001004//ESTs//9.6e-91:456:96//Hs.58974:W87405
 R-NT2RP3001007//ESTs//6.7e-99:482:97//Hs.117737:AI088029
 R-NT2RP3001055//ESTs//0.0012:294:60//Hs.66479:AA863044
 R-NT2RP3001057//ESTs, Highly similar to ZINC FINGER PROTEIN HF.12 [Homo sapiens]//5.6e-102:486:99//Hs.145956:AA007349
 55 R-NT2RP3001081//Retinal pigment epithelium-specific protein (65kD)//0.0012:447:58//Hs.2133:U18991
 R-NT2RP3001084//ESTs//4.3e-102:528:96//Hs.25277:W87874
 R-NT2RP3001096//ESTs//1.1e-110:540:96//Hs.42824:AA873182

R-NT2RP3001107//ESTs//7.6e-100:478:98//Hs.99669:AA287832
 R-nnnnnnnnnnnn/DNA polymerase gamma//0.0014:50:100//Hs.80961:U60325
 R-NT2RP3001111//ESTs, Weakly similar to Trf-proximal protein [D.melanogaster]//3.2e-104:543:95//Hs.93796:
 C06063
 5 R-NT2RP3001113//ESTs//3.3e-100:467:99//Hs.97757:AA401575
 R-NT2RP3001115//Oxytocin receptor//7.9e-30:505:67//Hs.2820:X64878
 R-NT2RP3001116//ESTs//4.6e-41:229:96//Hs.58412:W74779
 R-NT2RP3001119//ESTs//6.9e-88:478:92//Hs.19469:AA203180
 R-NT2RP3001120//ESTs//3.1e-82:430:93//Hs.110956:AI190166
 10 R-NT2RP3001126//ESTs//4.4e-52:264:96//Hs.25264:R78188
 R-NT2RP3001133//ESTs//4.7e-105:541:94//Hs.73239:AA573761
 R-NT2RP3001140//Homo sapiens mRNA for KIAA0762 protein, partial cds//2.6e-115:549:97//Hs.5378:AB018305
 R-NT2RP3001147//ESTs, Highly similar to GTPASE ACTIVATING PROTEIN ROTUND [Drosophila melanogaster]
 //9.6e-113:552:97//Hs.23900:U82984
 15 R-NT2RP3001150//ESTs//2.9e-90:444:97//Hs.99601:AA760717
 R-NT2RP3001155//Homo sapiens mRNA for AND-1 protein//9.4e-118:563:98//Hs.72160:AJ006266
 R-NT2RP3001176//ESTs//1.8e-110:534:98//Hs.58650:AI074460
 R-NT2RP3001214//ESTs//1.7e-109:545:96//Hs.24481:AA573139
 R-NT2RP3001216//EST//0.00098:128:66//Hs.160493:AI254963
 20 R-NT2RP3001221//EST//0.010:106:66//Hs.147774:AI221196
 R-NT2RP3001232//ESTs//1.5e-101:518:94//Hs.21630:AA778399
 R-NT2RP3001236//ESTs, Highly similar to KIAA0377 [H.sapiens]//2.8e-89:462:95//Hs.116793:AA779588
 R-NT2RP3001239//ESTs, Moderately similar to NEURAXIN [Rattus norvegicus]//5.2e-82:466:91//Hs.66048:
 AA524416
 25 R-NT2RP3001245//EST//0.53:237:62//Hs.161131:AI417631
 R-NT2RP3001253//ESTs//1.7e-105:535:96//Hs.42315:AI222997
 R-NT2RP3001260//EST//0.16:144:62//Hs.126856:AA932135
 R-NT2RP3001268//Human Aac11(aac11) mRNA, complete cds//0.12:494:59//Hs.151031:U83857
 R-NT2RP3001272//ESTs//1.4e-92:436:99//Hs.149831:AI383965
 30 R-NT2RP3001274//ESTs//3.9e-81:424:95//Hs.1113184:N25651
 R-NT2RP3001281//EST//3.1e-60:298:98//Hs.149230:AI247332
 R-NT2RP3001307//EST//0.42:215:62//Hs.126165:AA868691
 R-NT2RP3001318//ESTs//4.1e-74:363:97//Hs.130832:H92571
 R-NT2RP3001325//ESTs//1.7e-106:534:96//Hs.21214:H98989
 35 R-NT2RP3001338//Human protein tyrosine phosphatase sigma mRNA, complete cds//0.22:199:63//Hs.159534:
 U35234
 R-NT2RP3001339//Homo sapiens mRNA for KIAA0451 protein, complete cds//3.9e-114:566:96//Hs.18586:
 AB007920
 R-NT2RP3001340//ESTs//1.1e-72:411:92//Hs.21135:W81653
 40 R-NT2RP3001355//ESTs//9.0e-103:521:95//Hs.99486:AA776798
 R-NT2RP3001374//ESTs//2.7e-82:395:98//Hs.117102:AA993090
 R-NT2RP3001383//ESTs//3.6e-10:118:78//Hs.111055:AA169778
 R-NT2RP3001384//ESTs, Weakly similar to A-kinase anchor protein 95, AKAP95 [R.norvegicus]//5.7e-92:522:90//
 Hs.96200:AA218942
 45 R-NT2RP3001392//ESTs//5.9e-62:296:100//Hs.125034:AA907375
 R-NT2RP3001396//ESTs//3.7e-111:528:98//Hs.22612:AA152232
 R-NT2RP3001398//ESTs//2.6e-94:449:99//Hs.146332:AI276628
 R-NT2RP3001399//ESTs//2.6e-82:401:97//Hs.7932:AI041186
 R-NT2RP3001407//ESTs//2.2e-101:488:97//Hs.71573:AA496898
 50 R-NT2RP3001420//EST//7.4e-44:394:79//Hs.137041:AA877817
 R-NT2RP3001426//Homo sapiens clone 24616 mRNA sequence//3.6e-106:550:94//Hs.6957:AF052158
 R-NT2RP3001427//ESTs//1.3e-87:374:97//Hs.5457:H05692
 R-nnnnnnnnnnnn/Neurotrophic tyrosine kinase, receptor, type 1//4.7e-96:533:91//Hs.85844:X66397
 R-NT2RP3001432//ESTs//1.9e-102:523:95//Hs.132978:AI041374
 55 R-NT2RP3001447//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//5.1e-
 101:482:98//Hs.124135:AA910560
 R-NT2RP3001449//ESTs//2.2e-99:502:96//Hs.7834:N45994
 R-NT2RP3001453//Small inducible cytokine A5 (RANTES)//8.1e-45:295:85//Hs.155464:AF088219

EP 1 074 617 A2

R-NT2RP3001457//ESTs//1.5e-52:256:99//Hs.117982:AA644658
 R-NT2RP3001459//ESTs//3.4e-62:299:99//Hs.146098:AA167280
 R-NT2RP3001472//ESTs//4.8e-108:540:96//Hs.69594:N37009
 R-NT2RP3001490//ESTs//3.5e-91:549:88//Hs.6606:AA211783
 5 R-NT2RP3001495//Human oxidoreductase (HHCMA56) mRNA, complete cds//1.4e-61:338:93//Hs.519:U13395
 R-NT2RP3001497//Homo sapiens multiple membrane spanning receptor TRC8 (TRC8) mRNA, complete cds//
 6.8e-112:549:9711Hs.28285:AF064801
 R-NT2RP3001527//ESTs//4.4e-105:543:95//Hs.158761:AA631047
 R-NT2RP3001529//Homo sapiens tapasin (NGS-17) mRNA, complete cds//7.9e-59:427:83//Hs.5247:AF029750
 10 R-NT2RP3001538//ESTs//1.6e-94:521:92//Hs.6846:AA209463
 R-NT2RP3001554//ESTs, Moderately similar to NEURAXIN [Rattus norvegicus]//2.8e-76:392:95//Hs.66048:
 AA524416
 R-NT2RP3001580//ESTs//3.7e-82:398:98//Hs.23490:N49477
 R-NT2RP3001587//Homa sapiens mRNA for HRIHFB2115, partial cds//1.8e-09:86:88//Hs.4311:AB015337
 15 R-NT2RP3001589//ESTs//0.0029:243:62//Hs.158924:AA605194
 R-NT2RP3001607//EST//0.00096:76:78//Hs.140319:AA748328
 R-NT2RP3001608//ESTs//3.8e-105:525:96//Hs.144655:AI279798
 R-NT2RP3001621//ESTs//3.3e-108:535:97//Hs.47378:AI193598
 R-NT2RP3001629
 20 R-NT2RP3001634//Homo sapiens TRIAD1 type I mRNA, complete cds//2.7e-109:541:96//Hs.9899:AF099149
 R-NT2RP3001642//ESTs//6.0e-105:525:96//Hs.3376:AA915989
 R-NT2RP3001646//ESTs//4.8e-95:523:92//Hs.64036:AA127709
 R-NT2RP3001671//ESTs//0.0013:367:60//Hs.106090:AA457030
 R-NT2RP3001672//ESTs//3.4e-37:191:98//Hs.57475:AI382189
 25 R-NT2RP3001676//ESTs//1.5e-81:408:97//Hs.142547:N67648
 R-NT2RP3001678//ESTs//4.3e-85:405:99//Hs.121915:AI268225
 R-NT2RP3001679//ESTs//3.4e-100:545:93//Hs.5943:AI222558
 R-NT2RP3001688//Human mRNA for KIAA0392 gene, partial cds//8.6e-46:301:87//Hs.40100:AB002390
 R-NT2RP3001690//ESTs//3.3e-111:542:97//Hs.86149:AI341312
 30 R-NT2RP3001708//ESTs//1.4e-96:349:95//Hs.17975:AA868618
 R-NT2RP3001712//ESTs//9.3e-14:102:92//Hs.78041:N29669
 R-NT2RP3001716//ESTs, Highly similar to BONE MORPHOGENETIC PROTEIN 1 PRECURSOR [Mus musculus]
 //4.1e-80:444:91//Hs.6823:W18181
 R-NT2RP3001724//ESTs//1.8e-109:547:96//Hs.14570:AI422099
 35 R-NT2RP3001730//ESTs//4.1e-98:528:92//Hs.155115:AA669923
 R-NT2RP3001739//ESTs//4.4e-87:444:94//Hs.27239:W27810
 R-NT2RP3001752//ESTs//6.1e-93:490:94//Hs.4210:AA740440
 R-NT2RP3001753//ESTs//2.5e-82:395:99//Hs.126435:AA912968
 R-NT2RP3001764//ESTs, Weakly similar to protein-tyrosine phosphatase [H.sapiens]//1.2e-87:450:96//Hs.20281:
 40 N92517
 R-NT2RP3001777//ESTs//1.1e-86:360:97//Hs.100530:H06725
 R-NT2RP3001782//Homo sapiens mRNA for KIAA0459 protein, partial cds//4.2e-113:549:97//Hs.28169:
 AB007928
 R-NT2RP3001792//ESTs, Weakly similar to F35C12.2 [C.elegans]//1.1e-21:119:99//Hs.44268:AA455900
 45 R-NT2RP3001799//OX40L RECEPTOR PRECURSOR//2.8e-45:374:79//Hs.129780:X75962
 R-NT2RP3001819//ESTs//2.6e-87:432:96//Hs.10414:AI291292
 R-NT2RP3001844//ESTs//0.024:128:67//Hs.25131:N50117
 R-NT2RP3001854//ESTs//1.4e-92:490:92//Hs.15165:N52900
 R-NT2RP3001855//ESTs//1.9e-66:361:93//Hs.10043:D81792
 50 R-NT2RP3001896//ESTs//1.4e-96:343:97//Hs.24809:N73642
 R-NT2RP3001898//ESTs//4.1e-90:515:91//Hs.4867:AA521180
 R-NT2RP3001915//ESTs//4.4e-32:175:95//Hs.24641:AA954666
 R-NT2RP3001926//ESTs, Highly similar to NUCLEOLYSIN TIA-1 [Homo sapiens]//1.0e-40:202:100//Hs.24709:
 AI123300
 55 R-NT2RP3001929//ESTs//6.6e-84:449:94//Hs.26962:AA682781
 R-NT2RP3001931//ESTs//1.0e-41:214:99//Hs.32360:AA534737
 R-NT2RP3001938//ESTs, Highly similar to SPORULATION-SPECIFIC PROTEIN 1 [Saccharomyces cerevisiae]
 //1.3e-95:483:96//Hs.5771:W74591

R-NT2RP3001943//ESTs//1.2e-23:169:88//Hs.103930:AA160990
 R-NT2RP3001944//ESTs//2.0e-90:439:97//Hs.103380:AI291325
 R-NT2RP3001969//ESTs//0.95:133:65//Hs.131669:AI025889
 R-NT2RP3001989//ESTs, Weakly similar to C01A2.4 [C.elegans]//8.9e-64:310:99//Hs.11449:AI201540
 5 R-NT2RP3002002//ESTs//2.1e-95:562:89//Hs.5997:AA897088
 R-NT2RP3002004//H.sapiens mRNA for FAST kinase//1.6e-42:335:82//Hs.75087:X86779
 R-NT2RP3002007//ESTs//0.12:184:66//Hs.94030:AA846729
 R-NT2RP3002014//Small inducible cytokine A5 (RANTES)//6.8e-47:291:89//Hs.155464:AF088219
 R-NT2RP3002033
 10 R-NT2RP3002045//ESTs//1.0e-92:555:88//Hs.106411:W29081
 R-NT2RP3002054//EST//0.45:155:63//Hs.5656:D20426
 R-NT2RP3002056//ESTs//1.4e-95:504:93//Hs.17428:AI365221
 R-NT2RP3002057//Human mRNA for KIAA0152 gene, complete cds//0.69:127:66//Hs.90438:D63486
 R-NT2RP3002062
 15 R-ntnnnnnnnnnn//ESTs//2.1e-113:552:97//Hs.9591:AA069657
 R-NT2RP3002081//ESTs//5.5e-43:212:100//Hs.124852:AA969139
 R-NT2RP3002097//EST//2.3e-10:80:91//Hs.102717:N59148
 R-NT2RP3002102
 R-NT2RP3002108
 20 R-NT2RP3002146//ESTs//5.5e-58:296:97//Hs.65328:AA625385
 R-NT2RP3002147//EST//2.5e-53:387:81//Hs.147928:M249703
 R-NT2RP3002151//ESTs, Highly similar to G1 TO S PHASE TRANSITION PROTEIN 1 HOMOLOG [Homo sapiens]//6.2e-107:534:96//Hs.59523:AA602837
 R-NT2RP3002163//ESTs//2.7e-106:520:97//Hs.21258:AA412293
 25 R-NT2RP3002165//ESTs//7.4e-93:479:95//Hs.27299:AI074024
 R-NT2RP3002166//ESTs//1.0:261:59//Hs.132817:AA593713
 R-NT2RP3002173//ESTs//2.7e-93:512:92//Hs.23648:H07120
 R-NT2RP3002181//ESTs//1.0e-84:435:96//Hs.47378:AI193598
 R-NT2RP3002244//ESTs//2.7e-11:97:89//Hs.9412:W72446
 30 R-NT2RP3002248//ESTs//4.3e-90:459:95//Hs.9848:AA130588
 R-NT2RP3002255//ESTs//1.3e-45:289:88//Hs.9100:AA431672
 R-NT2RP3002273//ESTs//2.3e-100:489:97//Hs.8258:AA744743
 R-NT2RP3002276//ESTs//1.2e-50:306:91//Hs.16160:AA778171
 R-NT2RP3002303//ESTs//1.1e-67:323:99//Hs.129761:AA836898
 35 R-NT2RP3002304//ESTs//2.8e-86:405:99//Hs.29643:AA418500
 R-NT2RP3002330//ESTs, Weakly similar to G1 TO S PHASE TRANSITION PROTEIN 1 HOMOLOG [H.sapiens]//1.8e-19:136:87//Hs.106928:AI041737
 R-NT2RP3002343//ESTs//1.0e-42:260:93//Hs.7797:W25667
 R-NT2RP3002351//Homo sapiens 9G8 splicing factor mRNA, complete cds//0.0048:221:64//Hs.556:L41887
 40 R-NT2RP3002352//Homo sapiens mRNA for protein encoded by cxorf5 (71-7A) gene//5.8e-105:516:94//Hs.6483:Y16355
 R-NT2RP3002455//Homo sapiens mRNA for KIAA0678 protein, partial cds//1.5e-103:524:95//Hs.12707:AB014578
 R-NT2RP3002484//Human APRT gene for adenine phosphoribosyltransferase//0.54:108:71//Hs.28914:Y00486
 45 R-NT2RP3002501//ESTs//2.7e-96:489:95//Hs.27335:N74185
 R-NT2RP3002512//ESTs, Weakly similar to HYPOTHETICAL 31.0 KD PROTEIN R107.2 IN CHROMOSOME III [C.elegans]//3.2e-90:526:90//Hs.8083:AA521436
 R-NT2RP3002529//ESTs, Highly similar to PUTATIVE VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN C2G11.03C [Schizosaccharomyces pombe]//3.8e-101:497:96//Hs.6650:AA843246
 50 R-NT2RP3002545//Homo sapiens mRNA for KIAA0729 protein, partial cds//1.1e-83:438:94//Hs.19542:AB018272
 R-NT2RP3002549//ESTs//3.8e-98:493:96//Hs.7358:AA191673
 R-NT2RP3002566//Homo sapiens calcium-activated potassium channel (KCNN3) mRNA, complete cds//0.14:184:63//Hs.89230:AF031815
 R-NT2RP3002587//Homo sapiens KIAA0420 mRNA, complete cds//2.0e-18:138:78//Hs.129883:AB007880
 55 R-NT2RP3002590//ESTs//2.9e-51:290:93//Hs.162942:AI243850
 R-NT2RP3002602//Homo sapiens stannin mRNA, complete cds//5.5e-06:58:100//Hs.76691:AF070673
 R-NT2RP3002603
 R-NT2RP3002631//ESTs//4.8e-54:367:85//Hs.13109:AA192514

R-NT2RP3002659//ESTs//5.3e-30:229:85//Hs.152114:AA401365
 R-NT2RP3002660//ESTs//1.9e-88:452:95//Hs.120146:AA708573
 R-NT2RP3002663//EST//3.2e-89:469:95//Hs.105767:AA525172
 R-NT2RP3002671//ESTs, Highly similar to ELONGATION FACTOR 2 [*Drosophila melanogaster*]//5.9e-109:537:
 5 97//Hs.19348:AA151678
 R-NT2RP3002682//ESTs//2.3e-98:541:91//Hs.75844:AA115502
 R-NT2RP3002687//ESTs//5.5e-103:498:97//Hs.72782:AA910871
 R-NT2RP3002688//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [*H.sapiens*]//5.0e-101:
 524:95//Hs.32580:AI123601
 10 R-NT2RP3002701//EST//0.87:131:63//Hs.161916:AA483169
 R-NT2RP3002713//ESTs//4.7e-106:542:95//Hs.14479:AA160945
 R-NT2RP3002763//ESTs//1.3e-54:290:94//Hs.142031:AA809159
 R-NT2RP3002770//ESTs//0.047:275:61//Hs.122984:AA526973
 R-NT2RP3002785//ESTs//2.4e-52:255:99//Hs.132959:AI376958
 15 R-NT2RP3002799//EST//8.2e-61:321:94//Hs.140992:R71377
 R-NT2RP3002810//EST//0.19:116:68//Hs.121810:AA775240
 R-NT2RP3002818//ESTs//1.3e-109:531:98//Hs.58924:AI348080
 R-NT2RP3002861//ESTs//2.5e-84:429:95//Hs.23920:AA909678
 R-NT2RP3002869//EST//0.00011:116:71//Hs.161606:AA019641
 20 R-NT2RP3002876//ESTs//0.0024:182:63//Hs.117306:AA687262
 R-NT2RP3002877//Homo sapiens X-ray repair cross-complementing protein 2 (XRCC2) mRNA, complete cds//
 8.1e-14:146:72//Hs.129727:AF035587
 R-NT2RP3002909//Homo sapiens mRNA for KIAA0771 protein, partial cds//1.5e-110:570:95//Hs.6162:AB018314
 R-NT2RP3002911//ESTs//3.6e-92:436:99//Hs.143917:AI206286
 25 R-NT2RP3002948//EST//1.0:102:65//Hs.144730:AI191975
 R-NT2RP3002953//ESTs//1.8e-107:513:98//Hs.119693:AI201698
 R-NT2RP3002955//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0492//0.23:563:56//Hs.127338:
 AB007961
 R-NT2RP3002969//ESTs, Weakly similar to LONG-CHAIN-FATTY-ACID-COA LIGASE 1 [*Saccharomyces cere-*
 30 *visiae*]112.0e-56:387:86//Hs.144597:W20143
 R-NT2RP3002972//ESTs//1.7e-97:502:96//Hs.7274:AA476850
 R-NT2RP3002978//ESTs//8.6e-104:498:98//Hs.118923:AA252116
 R-NT2RP3002988//EST//1.2e-59:315:94//Hs.157743:AI360553
 R-NT2RP3003008//ESTs//1.4e-97:515:94//Hs.6544:AA524423
 35 R-NT2RP3003032//ESTs, Weakly similar to RETROVIRUS-RELATED POL POLYPROTEIN [*Mus musculus*]//
 3.0e-100:528:94//Hs.90353:N98551
 R-NT2RP3003059//ESTs//1.7e-76:398:95//Hs.102971:W05355
 R-NT2RP3003061//ESTs//4.9e-82:414:96//Hs.99603:AI141912
 R-NT2RP3003068//ESTs, Weakly similar to M18.3 [*C.elegans*]//5.9e-83:392:99//Hs.101364:AA534439
 40 R-NT2RP3003071//ESTs//6.3e-85:399:99//Hs.109755:AA180809
 R-NT2RP3003078//ESTs//1.0e-98:471:99//Hs.7995:AI359466
 R-NT2RP3003101//EST//0.032:235:60//Hs.147920:AI202441
 R-NT2RP3003121//ESTs//3.0e-47:238:97//Hs.43559:AI003520
 R-NT2RP3003133//EST//1.5e-77:395:96//Hs.142150:AA223982
 45 R-NT2RP3003138//ESTs, Highly similar to KINESIN-LIKE PROTEIN KIF4 [*Mus musculus*]//3.3e-107:535:96//Hs.
 27437:AA004208
 R-NT2RP3003139//ESTs//2.5e-106:504:98//Hs.106795:AI271632
 R-NT2RP3003150//ESTs//1.6e-99:539:91//Hs.46500:AA129774
 R-NT2RP3003157//ESTs//1.5e-114:563:97//Hs.58608:AA081007
 50 R-NT2RP3003185//ESTs//3.9e-93:443:98//Hs.9741:AI131226
 R-NT2RP3003193//ESTs//2.0e-37:428:71//Hs.33354:AA179944
 R-NT2RP3003197//ESTs//5.8e-56:312:94//Hs.7016:AA215796
 R-NT2RP3003203//EST//0.0073:212:63//Hs.161355:AI422634
 R-NT2RP3003204//ESTs//7.4e-52:253:99//Hs.120146:AA708573
 55 R-NT2RP3003212//ESTs//1.8e-76:401:95//Hs.29067:N26107
 R-NT2RP3003230//ESTs, Highly similar to CORONIN [*Dictyostelium discoideum*]//2.0e-40:229:93//Hs.17377:
 AI078151
 R-NT2RP3003242//ESTs//8.3e-97:458:99//Hs.23057:AI290343

R-NT2RP3003251//ESTs//1.5e-60:320:95//Hs.36495:AA151628
 R-NT2RP3003264//ESTs//2.1e-103:521:95//Hs.4094:AA173960
 R-NT2RP3003278//ESTs//8.2e-109:536:96//Hs.23788:AA524061
 R-NT2RP3003282//Homo sapiens dynamin (DNM) mRNA, complete cds//2.4e-102:550:93//Hs.11702:L36983
 5 R-NT2RP3003290//EST//4.3e-27:372:70//Hs.159131:AI384035
 R-NT2RP3003301//ESTs//4.4e-56:285:97//Hs.95370:AA601055
 R-NT2RP3003302//EST//7.2e-10:395:63//Hs.162554:AA584818
 R-NT2RP3003311//ESTs//4.2e-110:538:97//Hs.62180:AI341261
 R-NT2RP3003313//ESTs//2.1e-106:531:96//Hs.22630:C05931
 10 R-NT2RP3003327//ESTs//4.3e-102:518:95//Hs.120355:AA625445
 R-NT2RP3003330//ESTs//8.6e-104:497:97//Hs.72071:AI125289
 R-NT2RP3003344//ESTs//2.5e-105:494:99//Hs.112188:AA872993
 R-NT2RP3003346//ESTs//1.0:123:69//Hs.116029:AA813102
 R-NT2RP3003353//EST//0.0014:162:68//Hs.149191:AI246155
 15 R-NT2RP3003377//EST//4.5e-15:119:85//Hs.148129:AA885567
 R-NT2RP3003384//EST//0.0057:86:74//Hs.127735:AA962272
 R-NT2RP3003385//ESTs//0.64:347:59//Hs.5646:W72721
 R-NT2RP3003403//ESTs, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG [H.sapiens]//2.2e-24:418:67//Hs.139488:AI124095
 20 R-NT2RP3003409//ESTs//5.3e-98:479:97//Hs.155198:AA767372
 R-NT2RP3003411//ESTs//4.8e-86:416:97//Hs.129059:AA126041
 R-NT2RP3003427//ESTs//7.4e-103:510:96//Hs.25303:AA641023
 R-NT2RP3003433//ESTs//3.5e-85:405:99//Hs.63131:AA664156
 R-NT2RP3003464//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds//3.6e-97:479:96//Hs.14934:
 25 AF004828
 R-NT2RP3003490//Homo sapiens mRNA for KIAA0725 protein, partial cds//4.1e-102:527:93//Hs.26450:AB018268
 R-NT2RP3003491//ESTs, Weakly similar to No definition line found [C.elegans]//4.0e-106:549:94//Hs.7886:AI057529
 30 R-NT2RP3003500//Human RP3 mRNA, complete cds//0.66:401:60//Hs.75307:U02556
 R-NT2RP3003543//Human clone A9A2BRB7 (CAC)_n(GTG)_n repeat-containing mRNA//4.1e-33:217:88//Hs.8068:U00952
 R-NT2RP3003552//ESTs//3.1e-106:546:94//Hs.101754:AI123430
 R-NT2RP3003555//ESTs//3.4e-106:537:95//Hs.85550:AA187681
 35 R-NT2RP3003564
 R-NT2RP3003572//ESTs//1.2e-20:122:88//Hs.8253:N48721
 R-NT2RP3003576//ESTs//2.7e-71:394:94//Hs.151136:R99944
 R-NT2RP3003589//EST//0.58:242:59//Hs.130804:AA894759
 R-NT2RP3003625//ESTs//7.6e-41:349:80//Hs.140608:N53448
 40 R-NT2RP3003656//Human LIM protein (LPP) mRNA, partial cds//0.26:222:60//Hs.17217:U49957
 R-NT2RP3003659//ESTs//2.0e-113:547:97//Hs.23389:AA769310
 R-NT2RP3003665//ESTs//1.6e-80:415:95//Hs.141084:H11714
 R-NT2RP3003672
 R-NT2RP3003686//ESTs//6.8e-114:552:97//Hs.43299:N23036
 45 R-NT2RP3003701//ESTs//2.1e-16:282:66//Hs.115512:AI208768
 R-NT2RP3003716//ESTs//2.1e-45:195:91//Hs.41296:N71923
 R-NT2RP3003726//Homo sapiens mRNA for KIAA0757 protein, complete cds//5.6e-103:492:97//Hs.48513:AB018300
 R-NT2RP3003746//ESTs//1.9e-85:411:98//Hs.54835:AI050863
 50 R-NT2RP3003795//EST//6.2e-97:459:99//Hs.134769:AI089747
 R-NT2RP3003799//ESTs//2.8e-62:337:94//Hs.124023:H18913
 R-NT2RP3003800//PROTO-ONCOGENE TYRO SINE-PROTEIN KINASE SRC//8.9e-108:551:95//Hs.115742:AF077754
 R-NT2RP3003805//ESTs//2.2e-103:490:99//Hs.9412:W72446
 55 R-NT2RP3003809//ESTs, Highly similar to SAV PROTEIN [Sulfolobus acidocaldarius]//3.4e-89:456:95//Hs.5555:AI285198
 R-NT2RP3003819//Interleukin 10//3.3e-43:173:89//Hs.2180:M57627
 R-NT2RP3003825//ESTs//1.6e-66:485:80//Hs.7405:W27761

R-NT2RP3003828//ESTs, Weakly similar to unknown.[H.sapiens]//9.6e-98:511:95//Hs.26955:AI333224
 R-NT2RP3003831//ESTs//2.2e-38:317:79//Hs.142173:AA757743
 R-NT2RP3003833//Homo sapiens clones 24718 and 24825 mRNA sequence//5.2e-110:541:97//Hs.25300:AF070611
 5 R-NT2RP3003842//EST//9.9e-44:506:70//Hs.139093:AA166888
 R-NT2RP3003846//ESTs//4.6e-10:66:100//Hs.74924:AI332962
 R-NT2RP3003870//ESTs//3.4e-82:449:92//Hs.122691:AA152298
 R-NT2RP3003876//ESTs//1.9e-89:449:96//Hs.45046:N40170
 R-NT2RP3003914//ESTs//1.3e-99:470:98//Hs.118966:AA926726
 10 R-NT2RP3003918//ESTs//1.3e-79:417:94//Hs.5005:W25933
 R-NT2RP3003932//ESTs//6.0e-83:427:94//Hs.93581:H50221
 R-NT2RP3003989//ESTs//4.8e-76:403:93//Hs.127243:W80409
 R-NT2RP3003992//ESTs//2.4e-88:508:90//Hs.134200:D19593
 R-NT2RP3 004013//ESTs//3.7e-111:551:97//Hs.105108:AA781142
 15 R-NT2RP3004016//ESTs//1.7e-81:394:98//Hs.63368:AA613714
 R-NT2RP3004041
 R-NT2RP3004051//ESTs//3.5e-69:386:93//Hs.51347:T72820
 R-NT2RP3004070//ESTs//5.5e-108:552:9511Hs.23392:AI310139
 R-NT2RP3004078//ESTs//3.3e-82:443:93//Hs.26407:W4537
 20 R-NT2RP3004093//ESTs//4.4e-83:426:94//Hs.140932:AI262104
 R-NT2RP3004095//ESTs//0.00013:93:78//Hs.36567:AA262045
 R-NT2RP3004110//ESTs, Weakly similar to similar to oxysterol-binding proteins: partial CDS [C.elegans]//3.5e-76:402:95//Hs.55847:W31092
 R-NT2RP3004125//ESTs//9.3e-74:363:97//Hs.32988:C01696
 25 R-NT2RP3004145//ESTs//2.6e-96:451:99//Hs.59584:AA587334
 R-NT2RP3004148//ESTs//1.3e-10:77:92//Hs.135890:AI183425
 R-NT2RP3004155//ESTs//1.7e-110:558:96//Hs.27003:AI279093
 R-NT2RP3004206//ESTs, Moderately similar to CROOKED NECK PROTEIN [Drosophila melanogaster]//1.8e-40:200:100//Hs.26089:AA195126
 30 R-NT2RP3004207//ESTs, Weakly similar to gene SEZ-6 [M.musculus]//1.1e-41:266:89//Hs.6314:AA522619
 R-NT2RP3004209//ESTs, Highly similar to PUTATIVE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE C13A11.04C [Schizosaccharomyces pombe]//3.7e-112:547:97//Hs.99819:AI346680
 R-NT2RP3004215//ESTs//1.1e-103:541:95//Hs.124918:N64794
 R-NT2RP3004242//ESTs//4.5e-105:524:96//Hs.29724:N46252
 35 R-NT2RP3004246//EST//1.9e-07:67:91//Hs.125687:AA884827
 R-NT2RP3004253//EST//2.9e-88:454:94//Hs.127713:AA961628
 R-NT2RP3004258//ESTs, Weakly similar to PRE-MRNA SPLICING FACTOR SRP75 [Homo sapiens]//1.6e-89:468:95//Hs.5117:AA831530
 R-NT2RP3004262//ESTs//4.1e-86:443:96//Hs.101393:T87623
 40 R-NT2RP3004334//EST//0.00057:206:63//Hs.149388:AI273630
 R-NT2RP3004341//EST//0.00042:151:68//Hs.148498:AI200264
 R-NT2RP3004348//Homo sapiens LIM protein mRNA, complete cds//5.9e-61:299:85//Hs.154103:AF061258
 R-NT2RP3004349//EST//3.6e-42:175:88//Hs.161917:AA483223
 R-NT2RP3004378//ESTs//0.27:294:60//Hs.66479:AA863044
 45 R-NT2RP3004399//ESTs//5.8e-99:479:98//Hs.120234:AA732224
 R-NT2RP3004424//EST, Highly similar to F21G4.6 [C.elegans]//0.30:253:58//Hs.97184:AA385934
 R-NT2RP3004428//ESTs//2.8e-48:279:91//Hs.106826:W25985
 R-NT2RP3004451//ESTs//4.8e-101:509:96//Hs.29725:W74621
 R-NT2RP3004454//Homo sapiens mRNA for KIAA0448 protein, complete cds//9.3e-108:526:98//Hs.27349:AB007917
 50 R-NT2RP3004466//ESTs//0.25:51:90//Hs.7778:AA195616
 R-NT2RP3004470//EST//0.032:70:71//Hs.147925:AI249332
 R-NT2RP3004472//ESTs//0.0069:430:59//Hs.116651:AA993406
 R-NT2RP3004475//Homo sapiens mRNA for KIAA0456 protein, partial cds//5.0e-107:521:97//Hs.5003:AB007925
 55 R-NT2RP3004480
 R-NT2RP3004490//ESTs//4.7e-68:354:95//Hs.163721:H42504
 R-NT2RP3004498//ESTs, Moderately similar to ORF2: function unknown [H.sapiens]//3.4e-100:508:95//Hs.47393:AA218858

R-NT2RP3004503//ESTs//4.6e-90:478:93//Hs.133998:AA994735
 R-NT2RP3004504//ESTs, Highly similar to cytoplasmic polyadenylation element-binding protein [M.musculus]//
 1.8e-83:465:92//Hs.137064:AA318257
 R-NT2RP3004507//ESTs//1.5e-98:495:96//Hs.128905:AI051971
 5 R-NT2RP3004527//EST//1.6e-109:535:97//Hs.149481:AI279865
 R-nnnnnnnnnnnnn
 R-NT2RP3004544//EST//0.035:226:60//Hs.99195:AA449232
 R-NT2RP3004566//ESTs//4.1e-86:455:95//Hs.13110:T67461
 R-NT2RP3004569//ESTs//2.9e-94:493:94//Hs.24948:AA977674
 10 R-NT2RP3004572//ESTs//1.1e-92:437:99//Hs.24846:AI420493
 R-NT2RP3004578//ESTs//0.98:166:64//Hs.124593:AA854456
 R-NT2RP3004594//EST//5.8e-89:426:98//Hs.134213:AI080213
 R-NT2RP3004617//ESTs//1.4e-40:226:85//Hs.15921:R71157
 R-NT2RP3004618//ESTs//1.8e-38:229:90//Hs.125153:AA453723
 15 R-NT2RP3004670//Homo sapiens GN6ST mRNA for long form of N-acetylglucosamine-6-O-sulfotransferase
 (GlcNAc6ST), complete cds//7.2e-57:291:95//Hs.8786:AB014680
 R-NT2RP4000008//ESTs//8.9e-119:561:98//Hs.25035:AI123335
 R-NT2RP4000023//EST//1.2e-34:271:80//Hs.98300:AA418560
 R-NT2RP4000035//Small inducible cytokine A5 (RANTES)//2.1e-68:320:82//Hs.155464:AF088219
 20 R-NT2RP4000049//Homo sapiens TRAIL receptor 2 mRNA, complete cds//6.7e-60:289:82//Hs.51233:AF016266
 R-NT2RP4000051//ESTs, Weakly similar to protein B [H.sapiens]//8.3e-98:462:99//Hs.10114:AI345945
 R-NT2RP4000078//ESTs//0.00068:367:60//Hs.106090:AA457030
 R-NT2RP4000102//ESTs//9.7e-50:256:97//Hs.24266:R28287
 R-NT2RP4000109//Homo sapiens mRNA for MEGF5, partial cds//1.1e-107:536:96//Hs.57929:AB011538
 25 R-NT2RP4000129//Homo sapiens mRNA for KIAA0483 protein, partial cds//3.5e-112:554:97//Hs.64691:
 AB007952
 R-NT2RP4000147//ESTs//3.9e-11:122:80//Hs.25584:AA632014
 R-NT2RP4000150//EST//4.4e-84:510:88//Hs.144238:W52294
 R-NT2RP4000151//ESTs, Weakly similar to HYPOTHETICAL 31.0 KD PROTEIN R107.2 IN CHROMOSOME III
 30 [C.elegans]//5.7e-93:515:92//Hs.8083:AA521436
 R-NT2RP4000159//ESTs//0.0019:209:65//Hs.161816:AA400295
 R-NT2RP4000167//ESTs//2.1e-113:549:97//Hs.109441:N66569
 R-NT2RP4000185//ESTs//0.65:232:59//Hs.144445:AA807257
 R-NT2RP4000210//Homo sapiens mRNA for KIAA0700 protein, partial cds//1.5e-100:505:96//Hs.13999:
 35 AB014600
 R-NT2RP4000212//ESTs//8.5e-14:169:75//Hs.8520:AA081788
 R-NT2RP4000214//Human mRNA for KIAA0392 gene, partial cds//6.2e-43:272:90//Hs.40100:AB002390
 R-NT2RP4000218//ESTs//6.1e-10:335:64//Hs.105658:AA978185
 R-NT2RP4000243//Homo sapiens mRNA for cartilage-associated protein (CASP)//2.9e-70:354:96//Hs.155481:
 40 AJ006470
 R-NT2RP4000246//ESTs//7.1e-26:154:94//Hs.14838:AA502757
 R-NT2RP4000259//Homo sapiens clone 683 unknown mRNA, complete sequence//9.3e-79:379:99//Hs.43728:
 AF091092
 R-NT2RP4000263
 45 R-nnnnnnnnnnnnn/ESTs, Weakly similar to similar to Achlya ambisexualis antheridiol steroid receptor [C.elegans]
 //4.7e-104:525:96//Hs.152069:AA548972
 R-NT2RP4000312//ESTs//8.2e-66:319:99//Hs.35091:AI271631
 R-NT2RP4000321//Homo sapiens clone 24453 mRNA sequence//1.3e-109:513:99//Hs.13410:AF070524
 R-NT2RP4000323//ESTs//7.7e-109:534:97//Hs.34790:AA192760
 50 R-NT2RP4000355//ESTs//3.1e-44:320:83//Hs.141323:N80390
 R-NT2RP4000360//Homo sapiens mRNA for KIAA0738 protein, complete cds//7.6e-111:520:99//Hs.107479:
 AB018281
 R-NT2RP4000367//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds//2.8e-
 110:527:98//Hs.31323:AF044195
 55 R-NT2RP4000370//ESTs//8.9e-32:166:98//Hs.70488:AI301130
 R-NT2RP4000376//ESTs//6.8e-99:465:99//Hs.27182:AA604498
 R-NT2RP4000381//ESTs//3.0e-50:280:93//Hs.8395:W27376
 R-NT2RP4000415//ESTs, Weakly similar to coded for by C. elegans cDNA yk30b3.5 [C.elegans]//3.9e-87:499:

91//Hs.26156:AA630975
 R-NT2RP4000417//ESTs, Moderately similar to HYPOTHETICAL 91.2 KD PROTEIN IN RPS7A-SCH9 INTER-
 GENIC REGION [Saccharomyces cerevisiae]//8.9e-95:468:96//Hs.93871:AI191318
 R-NT2RP4000424//ESTs//3.7e-98:473:98//Hs.24945:AI189011
 5 R-NT2RP4000448//ESTs//2.6e-79:446:91//Hs.25159:R60955
 R-NT2RP4000449//ESTs//3.6e-98:468:98//Hs.31176:AI037953
 R-NT2RP4000455//Homo sapiens N-methyl-D-aspartate receptor 2D subunit precursor (NMDAR2D) mRNA, com-
 plete cds//0.35:153:63//Hs.113286:U77783
 R-nnnnnnnnnnnnn//ESTs//4.5e-89:455:96//Hs.62638:AA127740
 10 R-NT2RP4000480//ESTs//4.9e-92:431:99//Hs.121072:AI204167
 R-nnnnnnnnnnnnn
 R-NT2RP4000500//ESTs, Weakly similar to HYPOTHETICAL 83.6 KD PROTEIN R05D3.2 IN CHROMOSOME III
 [C.elegans]//1.2e-40:125:97//Hs.56124:AI424792
 R-NT2RP4000515//EST//6.7e-30:183:90//Hs.150710:AI122713
 15 R-NT2RP4000517//Aldehyde dehydrogenase 7//7.5e-28:183:76//Hs.83155:U10868
 R-NT2RP4000518//EST//0.091:178:58//Hs.133031:AI049874
 R-NT2RP4000519
 R-NT2RP4000524//ESTS, Highly similar to rsec8 [R.norvegicus]//3.4e-93:496:93//Hs.107394:H07126
 R-NT2RP4000528//EST//0.84:130:66//Hs.140208:AA702213
 20 R-NT2RP4000541//EST//5.2e-63:337:94//Hs.156337:AI337328
 R-NT2RP4000556//ESTs, Highly similar to 60S RIBOSOMAL PROTEIN L11 [R.norvegicus]//8.2e-92:448:98//Hs.
 25597:H93026
 R-NT2RP4000588//ESTs//3.8e-94:445:98//Hs.44077:N28840
 R-NT2RP4000614//ESTs//6.5e-18:159:83//Hs.24549:N57263
 25 R-NT2RP4000638//ESTs//2.5e-46:296:87//Hs.132722:AA618531
 R-NT2RP4000648//ESTs//2.6e-103:559:93//Hs.23794:W80393
 R-NT2RP4000657//ESTs//1.0:189:60//Hs.87073:AA972704
 R-NT2RP4000704//ESTs//2.8e-101:509:96//Hs.84824:AA935651
 R-NT2RP4000724//ESTS//1.5e-83:442:94//Hs.142114:AA205615
 30 R-NT2RP4000728//ESTs//0.84:61:75//Hs.145334:AI251399
 R-NT2RP4000739//ESTs//8.8e-80:418:94//Hs.42959:N21211
 R-NT2RP4000781//ESTs//1.4e-79:376:99//Hs.135458:AI081312
 R-NT2RP4000817//Homo sapiens mRNA for KIAA0470 protein, complete cds//3.1e-106:550:94//Hs.25132:
 AB007939
 35 R-NT2RP4000833//ESTs//5.8e-46:309:85//Hs.163979:AA828834
 R-NT2RP4000837//ESTs//1.7e-112:539:97//Hs.97718:AI334028
 R-NT2RP4000855//ESTs//1.1e-95:486:95//Hs.5345:AA988104
 R-NT2RP4000865//EST//6.2e-68:412:89//Hs.142196:AA258356
 R-NT2RP4000878//ESTs//1.9e-80:417:95//Hs.104716:AI023185
 40 R-NT2RP4000879//ESTs//1.8e-42:211:99//Hs.89991:AI374617
 R-nnnnnnnnnnnnn//ESTs//1.2e-89:453:97//Hs.100182:N92594
 R-nnnnnnnnnnnnn//EST//9.4e-06:197:63//Hs.145970:AI277106
 R-NT2RP4000925//ESTs, Weakly similar to KIAA0405 [H.sapiens]//5.9e-17:134:85//Hs.14146:W92235
 R-nnnnnnnnnnnnn//ESTs//4.3e-14:84:100//Hs.155360:AA984683
 45 R-NT2RP4000928//Homo sapiens CDP-diacylglycerol synthase 2 (CDS2) mRNA, partial cds//8.2e-108:548:95//
 Hs.24812:AF069532
 R-NT2RP4000929//ESTs//1.3e-119:567:98//Hs.62717:AA044905
 R-NT2RP4000955//ESTs//3.5e-10:19:78//Hs.42946:N21111
 R-NT2RP4000973//ESTs//2.8e-05:93:69//Hs.155126:AA563986
 50 R-NT2RP4000975//ESTs//4.4e-58:324:95//Hs.126070:AA045179
 R-NT2RP4000979//ESTs//3.5e-42:468:73//Hs.106210:AI193017
 R-NT2RP4000984//Homo sapiens clone 23770 mRNA sequence//8.7e-120:570:98//Hs.12457:AF052123
 R-NT2RP4000989//ESTs//1.3e-122:581:98//Hs.10499:AA528018
 R-NT2RP4000996//ESTs//9.2e-113:579:94//Hs.23762:N26620
 55 R-NT2RP4000997//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//1.1e-28:439:68//Hs.
 129735:AF010144
 R-NT2RP4001004//ESTs//3.6e-78:389:98//Hs.156290:AI016769
 R-NT2RP4001006//ESTS, Moderately similar to ORF2: function unknown [H.sapiens]//6.6e-124:574:99//Hs.

47393:AA218858
R-NT2RP4001010//EST//2.8e-31:194:90//Hs.161186:AI418635
R-NT2RP4001029//ESTs//4.4e-111:523:99//Hs.28423:AI336292
R-NT2RP4001041//ESTs, Highly similar to LEUCYL-TRNA SYNTHETASE, CYTOPLASMIC [*Saccharomyces cerevisiae*]//3.6e-114:569:96//Hs.6762:AA088424
R-NT2RP4001057//Homo sapiens KIAA0399 mRNA, partial cds//2.0e-51:282:94//Hs.100955:AB007859
R-NT2RP4001064//ESTs, Weakly similar to protein B [*H.sapiens*]//2.1e-103:485:99//Hs.10114:AD45945
R-NT2RP4001078
R-NT2RP4001079//Homo sapiens mRNA for putative Ca²⁺-transporting ATPase, partial//1.7e-119:569:98//Hs.106778:AJ010953
R-NT2RP4001080//ESTs//7.6e-10:65:100//Hs.131694:AA927668
R-ntnnnnnnnnnnnn//Homo sapiens mRNA for KIAA0592 protein, partial cds//5.9e-121:548:95//Hs.13273:AB011164
R-NT2RP4001095//ESTs//1.5e-113:563:96//Hs.118732:AI344055
R-NT2RP4001100//ESTs//2.0e-46:413:79//Hs.146314:R99617
R-NT2RP4001117//EST//7.4e-51:294:92//Hs.7260:T23737
R-NT2RP4001122//ESTs//5.4e-109:509:99//Hs.16390:AI052357
R-NT2RP4001126//EST//0.97:169:61//Hs.148107:AA693476
R-NT2RP4001138//ESTs//3.0e-110:543:97//Hs.57655:AI056890
R-NT2RP4001143//ESTs, Highly similar to HYPOTHETICAL 52.9 KD PROTEIN IN SAP155-YMR31 INTERGENIC REGION [*Saccharomyces cerevisiae*]//5.4e-113:573:96//Hs.5249:U55977
R-NT2RP4001148//ESTs//3.1e-103:490:98//Hs.121282:AI091453
R-NT2RP4001149//EST//1.7e-50:281:93//Hs.101727:H16171
R-NT2RP4001150//ESTS//1.9e-90:422:100//Hs.125490:AI138884
R-NT2RP4001159
R-NT2RP4001174//ESTs//2.5e-110:526:98//Hs.116555:AA639278
R-ntnnnnnnnnnnnn//ESTs//1.1e-25:140:97//Hs.83756:AI002822
R-NT2RP4001207//ESTs//4.4e-70:432:89//Hs.13109:AA192514
R-NT2RP4001210//ESTs//1.4e-108:509:99//Hs.27021:AI359495
R-NT2RP4001213//ESTs, Highly similar to ZINC FINGER PROTEIN 8 [*Homo sapiens*]//4.4e-123:624:95//Hs.22744:AI379892
R-NT2RP4001219//ESTs//0.0043:142:65//Hs.6733:AI160750
R-NT2RP4001228//ESTs//4.9e-101:482:98//Hs.62684:AA806103
R-NT2RP4001235//ESTs//3.7e-105:571:93//Hs.37706:AA005120
R-NT2RP4001256//ESTs//1.1e-12:189:74//Hs.20621:W28255
R-NT2RP4001260//EST//6.9e-05:313:61//Hs.116438:AA648430
R-NT2RP4001274//EST//0.0020:246:63//Hs.149955:AI289933
R-ntnnnnnnnnnnnn//ESTs//2.9e-34:213:91//Hs.43100:AA186588
R-NT2RP4001313
R-NT2RP4001315//EST//6.1e-38:217:93//Hs.97832:AA400892
R-NT2RP4001339//ESTs//3.8e-91:430:99//Hs.34840:AI279612
R-NT2RP4001345//ESTs//5.3e-89:443:96//Hs.6770:AA972732
R-NT2RP4001351//ESTs//6.0e-78:394:97//Hs.102796:N70837
R-NT2RP4001353//ESTs//4.8e-06:90:82//Hs.7778:AA195616
R-NT2RP4001372
R-NT2RP4001373//ESTs, Weakly similar to HYPOTHETICAL 48.8 KD PROTEIN IN TRK2-MRS4 INTERGENIC REGION [*Saccharomyces cerevisiae*]//1.7e-108:546:96//Hs.32271:AA203680
R-NT2RP4001375//ESTs//2.4e-19:155:87//Hs.62119:AA043299
R-NT2RP4001379//EST//4.4e-29:288:72//Hs.157848:AI362501
R-NT2RP4001389//ESTs, Highly similar to HYPOTHETICAL 51.6 KD PROTEIN IN PAP1-MRPL13 INTERGENIC REGION [*Saccharomyces cerevisiae*]//3.8e-79:438:93//Hs.21938:W81045
R-NT2RP4001407//ESTs//8.3e-112:541:97//Hs.22587:AA743132
R-NT2RP4001414//ESTs//8.6e-18:117:90//Hs.90789:W27649
R-NT2RP4001433//ESTs, Moderately similar to PROHIBITIN [*H.sapiens*]//1.6e-102:498:97//Hs.62386:AA512948
R-NT2RP4001442//ESTs//8.8e-104:489:99//Hs.101619:AI339433
R-NT2RP4001447
R-NT2RP4001474
R-NT2RP4001483//ESTs//2.1e-100:528:92//Hs.17860:AA706655
R-NT2RP4001498//ESTs//1.1e-97:470:98//Hs.95744:AI392846

EP 1 074 617 A2

R-NT2RP4001502//ESTs//6.7e-73:382:96//Hs.11874:N93511
 R-NT2RP4001507//ESTs//2.6e-57:302:96//Hs.65328:AA625385
 R-NT2RP4001524//ESTs, Weakly similar to F13B12.1 [C.elegans]//2.9e-107:546:96//Hs.5570:AI377863
 R-NT2RP4001529//ESTs//3.3e-112:524:99//Hs.28423:AI336292
 5 R-NT2RP4001547//ESTs, Weakly similar to NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 [Paramecium tetraurelia]//2.8e-120:566:98//Hs.108530:AA523928
 R-nnnnnnnnnnnn//ESTs, Weakly similar to CELL DIVISION CONTROL PROTEIN 68 [S.cerevisiae]//1.4e-26:184:88//Hs.136189:AA133224
 R-NT2RP4001555//ESTs//1.1e-95:445:100//Hs.134403:AA677552
 10 R-NT2RP4001567//ESTs//2.8e-106:506:98//Hs.102708:AA292285
 R-NT2RP4001568//ESTs//6.4e-55:300:94//Hs.57442:N63437
 R-NT2RP4001571//ESTs//1.3e-114:556:97//Hs.30340:AA521251
 R-NT2RP4001574//ESTs//0.0035:120:67//Hs.96339:AA225906
 R-NT2RP4001575
 15 R-NT2RP4001592//ESTs, Weakly similar to ISOLEUCYL-TRNA SYNTHETASE, MITOCHONDRIAL[S.cerevisiae]//8.7e-112:557:97//Hs.7558:AA526812
 R-NT2RP4001610//ESTs//6.2e-77:382:96//Hs.21543:AA166776
 R-NT2RP4001614//ESTs//2.8e-117:565:98//Hs.9591:AA069657
 R-NT2RP4001634//ESTs//2.0e-39:213:96//Hs.32360:AA534737
 20 R-NT2RP4001638//Homo sapiens clone 23967 unknown mRNA, partial cds//1.7e-116:559:97//Hs.5332:AF007151
 R-NT2RP4001644//ESTs, Moderately similar to MNK1 [H.sapiens]//5.3e-36:192:97//Hs.5662:AA868361
 R-NT2RP4001656//ESTs, Highly similar to HYPOTHETICAL 108.5 KD PROTEIN R06F6.2 IN CHROMOSOME II [Caenorhabditis elegans]//1.1e-104:525:96//Hs.20472:W28734
 25 R-NT2RP4001677//ESTs//1.8e-106:522:97//Hs.106390:AA156805
 R-NT2RP4001696//Human chromosome 8 BAC clone CIT987SK-2A8 complete sequence//5.7e-118:583:96//Hs.15562:U96629
 R-NT2RP4001725//ESTs//2.0e-11:141:74//Hs.117589:N25941
 R-nnnnnnnnnnnn//ESTs, Weakly similar to UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRE-CURSOR [D.melanogaster]//3.4e-73:362:97//Hs.152332:AI141922
 30 R-NT2RP4001739//ESTs//6.6e-59:340:91//Hs.122293:AA843692
 R-NT2RP4001753//Zinc finger protein 3 (A8-51)//5.6e-113:552:96//Hs.2481:X78926
 R-NT2RP4001760//ESTs//2.5e-94:453:98//Hs.122579:AA766315
 R-NT2RP4001790//ESTs, Weakly similar to ZINC FINGER PROTEIN 84 [H.sapiens]//2.0e-62:326:94//Hs.110839:W28098
 35 R-NT2RP4001803
 R-NT2RP4001822//ESTs//4.4e-98:526:92//Hs.96908:AI161133
 R-NT2RP4001823//ESTs//1.7e-72:357:97//Hs.144900:AI218434
 R-NT2RP4001828//ESTs//3.3e-101:536:92//Hs.18851:AA857826
 40 R-NT2RP4001838//ESTs//4.2e-58:344:90//Hs.48723:N66663
 R-NT2RP4001849//EST//0.24:105:71//Hs.136747:AA749210
 R-NT2RP4001889//Human mRNA for KIAA0118 gene, partial cds//3.4e-34:212:88//Hs.154326:D42087
 R-NT2RP4001893//ESTs//3.0e-58:321:95//Hs.158787:W79602
 R-NT2RP4001896//EST//3.8e-15:108:92//Hs.160835:AI345528
 45 R-NT2RP4001901//ESTs//1.2e-110:536:97//Hs.31443:AI018606
 R-NT2RP4001927//ESTs//2.1e-105:546:93//Hs.73291:AI417099
 R-NT2RP4001938//ESTs//2.8e-40:235:78//Hs.163641:R61848
 R-NT2RP4001946//ESTs//1.3e-29:175:93//Hs.43703:AA088436
 R-NT2RP4001950//ESTs//4.6e-95:458:98//Hs.150890:AI341793
 50 R-NT2RP4001953//Clathrin, light polypeptide (Lcb)//2.3e-62:310:82//Hs.73919:X81637
 R-NT2RP4001966//ESTs, Weakly similar to tenascin-like protein [D.melanogaster]//8.3e-87:457:94//Hs.41793:AA775879
 R-NT2RP4001975//ESTs//1.9e-52:281:94//Hs.7704:W58252
 R-NT2RP4002018
 55 R-NT2RP4002047//ESTs, Highly similar to GTP-BINDING PROTEIN LEPA [Pseudomonas fluorescens]//4.7e-09:90:86//Hs.41127:AA555184
 R-NT2RP4002052//ESTs//0.054:353:60//Hs.117510:AA903738
 R-NT2RP4002058//EST//7.8e-26:151:94//Hs.124617:AA855106

EP 1 074 617 A2

R-NT2RP4002071//ESTs//6.9e-99:475:98//Hs.29216:AA916679
 R-NT2RP4002075//ESTs//0.67:121:65//Hs.153939:AI284198
 R-NT2RP4002078//ESTs, Highly similar to ZINC FINGER PROTEIN 35 [Homo sapiens]//1.6e-61:464:82//Hs.144228:N99507
 5 R-nnnnnnnnnnnn//ESTs, Weakly similar to HYPOTHETICAL 139.1 KD PROTEIN C08B11.3 IN CHROMOSOME II [C.elegans]//2.3e-56:271:100//Hs.6185:AA428565
 R-NT2RP4002083//ESTs//2.0e-108:548:96//Hs.6120:W80407
 R-NT2RP4002408//ESTs//2.6e-77:391:96//Hs.14014:AA745592
 R-NT2RP4002791//ESTs//7.9e-101:527:93//Hs.22394:N32555
 10 R-NT2RP4002888//ESTs, Highly similar to ENV POLYPROTEIN [Avian spleen necrosis virus]//1.9e-65:373:92//Hs.31532:H18272
 R-NT2RP4002905//ESTs//1.5e-107:517:98//Hs.40460:N36090
 R-OVARC1000001//Homo sapiens mRNA for KIAA0465 protein, partial cds//2.8e-115:605:94//Hs.108258:AB007934
 15 R-OVARC1000004
 R-OVARC1000006//ESTs//1.5e-19:139:89//Hs.143034:AI126929
 R-OVARC1000013//ESTs//5.9e-98:531:93//Hs.16470:AA121635
 R-OVARC1000014//ESTs//0.24:243:60//Hs.19569:AA464273
 R-OVARC1000017
 20 R-OVARC1000035//ESTs//0.035:252:63//Hs.134123:AI078286
 R-OVARC1000058//H.sapiens mRNA for translin associated protein X//3.8e-46:331:83//Hs.96247:X95073
 R-OVARC1000060//EST//2.8e-28:348:71//Hs.141728:W73041
 R-OVARC1000068//ESTs//3.0e-83:491:90//Hs.29397:N51367
 R-OVARC1000071//ESTs//2.5e-60:321:96//Us.25010:R6787
 25 R-OVARC1000085//Proteasome component C5//8.6e-67:366:92//Hs.75748:AL031259
 R-nnnnnnnnnnnn//ESTs//1.0e-111:526:98//Hs.129020:AI380703
 R-OVARC1000091//ESTs, Weakly similar to HOST CELL FACTOR CI [H.sapiens]//3.9e-112:596:94//Hs.20597:W58370
 R-OVARC1000092//ESTs//5.1e-18:144:82//Hs.109140:AI289942
 30 R-OVARC1000106
 R-OVARC1000113//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds//8.3e-102:495:97//Hs.3688:AF069250
 R-OVARC1000114//H.sapiens mRNA for phosphoinositide 3-kinase//1.7e-45:489:74//Hs.101238:Y11312
 R-OVARC1000133//EST//0.00028:284:61//Hs.30547:H05482
 35 R-OVARC1000145//EST//3.9e-40:201:99//Hs.156148:AI333214
 R-OVARC1000148//EST//0.79:150:62//Hs.100078:T05090
 R-OVARC1000151
 R-OVARC1000168//EST//1.7e-19:142:90//Hs.38441:H66023
 R-OVARC1000191//EST//0.0072:292:63//Hs.132492:AA922629
 40 R-OVARC1000198//Homo sapiens LIM protein mRNA, complete cds//6.1e-44:339:81//Hs.154103:AF061258
 R-OVARC1000209//ESTs, Moderately similar to ZINC FINGER PROTEIN 93 [H.sapiens]//1.1e-32:196:92//Hs.64322:AA142864
 R-OVARC1000212//EST//0.20:178:61//Hs.133031:AI049874
 R-OVARC1000240//ESTs//9.0e-64:314:98//Hs.42300:AA204958
 45 R-OVARC1000241//EST//0.00018:115:68//Hs.150728:AI123130
 R-OVARC1000288//ESTs, Highly similar to HYPOTHETICAL 54.2 KD PROTEIN IN CDC12-ORC6 INTERGENIC REGION [Saccharomyces cerevisiae]//3.3e-74:403:93//Hs.108117:AI097079
 R-OVARC1000302//EST//4.0e-14:102:90//Hs.136617:AA630476
 R-OVARC1000304//ESTs, Highly similar to PUTATIVE GTP-BINDING PROTEIN MOV10 [Mus musculus]//2.9e-37:191:98//Hs.20725:AI027777
 50 R-OVARC1000309//ESTs//3.6e-66:348:94//Hs.9547:AA532449
 R-OVARC1000321//ESTs//3.6e-87:454:95//Hs.110445:AA044743
 R-OVARC1000326//ESTs, Moderately similar to lamina associated polypeptide 1C [R.norvegicus]//1.3e-98:488:96//Hs.125749:AI377682
 55 R-OVARC1000335//ESTs//3.0e-115:565:97//Hs.54835:AI050863
 R-OVARC1000347//EST//0.0018:145:65//Hs.136945:AA765672
 R-OVARC1000384//ESTs//2.8e-38:253:89//Hs.15093:AA203423
 R-OVARC1000408//ESTs//2.6e-98:515:94//Hs.119808:C05928

R-OVARC1000411//ESTs//3.2e-82:395:98//Hs.104747:AA406219
 R-OVARC1000414//Landsteiner-Wiener blood group glycoprotein//1.5e-27:211:79//Hs.108287:L27670
 R-OVARC1000420//EST//2.8e-38:255:74//Hs.138525:R99237
 R-OVARC1000427//EST//2.6e-58:302:96//Hs.122914:AA767034
 5 R-OVARC1000431//ESTs//4.9e-108:551:96//Hs.11668:AI123426
 R-OVARC1000437
 R-OVARC1000440//ESTs//2.9e-91:456:96//Hs.93701:AI018671
 R-OVARC1000442//Human high-affinity copper uptake protein (hCTR1) mRNA, complete cds//4.3e-45:320:84//
 Hs.73614:U83460
 10 R-OVARC1000443//Homo sapiens mRNA for KIAA0683 protein, complete cds//3.6e-79:418:94//Hs.12334:
 AB014583
 R-OVARC1000461//ESTs//3.1e-62:342:93//Hs.23241:R46582
 R-OVARC1000465//ESTs//1.7e-67:349:95//Hs.127238:AA477576
 R-OVARC1000466//ESTs//1.9e-66:337:95//Hs.5212:AI421211
 15 R-OVARC1000473//ESTs//5.4e-89:320:99//Hs.29173:AA134926
 R-OVARC1000479//ESTs, Highly similar to TIP120 [R.norvegicus]//1.1e-102:514:96//Hs.11833:AI299947
 R-OVARC1000486//ESTs//3.9e-78:405:95//Hs.98312:AA424983
 R-OVARC1000496
 R-OVARC1000520//ESTs//1.2e-20:145:88//Hs.87456:AA434484
 20 R-OVARC1000526//Small inducible cytokine A5 (RANTES)//8.9e-47:217:87//Hs.155464:AF088219
 R-OVARC1000533//ESTs, Moderately similar to integrase [H.sapiens]//8.5e-48:264:92//Hs.49860:AA702248
 R-OVARC1000543//ESTs//5.7e-74:410:94//Hs.62817:AA047021
 R-OVARC1000556//H.sapiens mRNA for ribosomal S6 kinase//9.5e-27:202:85//Hs.90859:X85106
 R-OVARC1000557//EST//2.8e-18:169:79//Hs.149101:AI244285
 25 R-OVARC1000564//EST//2.3e-34:199:92//Hs.146637:AI141587
 R-OVARC1000573//Interleukin 10//4.7e-42:300:83//Hs.2180:M57627
 R-OVARC1000578//Small inducible cytokine A5 (RANTES)//5.2e-58:392:84//Hs.155464:AF088219
 R-OVARC1000588//EST//1.8e-41:174:85//Hs.163333:AA879053
 R-OVARC1000605
 30 R-OVARC1000622//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//6.4e-47:417:77//Hs.
 159897:AB007970
 R-OVARC1000640//H.sapiens mRNA for translin associated protein X//1.9e-28:366:72//Hs.96247:X95073
 R-OVARC1000661//Homo sapiens mRNA for KIAA0590 protein, complete cds//5.1e-31:162:100//Hs.111862:
 AB011162
 35 R-OVARC1000678//EST//0.92:199:60//Hs.122025:AA778480
 R-nnnnnnnnnnnnn//ESTs//0.94:416:59//Hs.130754:AA279522
 R-OVARC1000681//EST//9.2e-21:179:80//Hs.132635:AI032875
 R-OVARC1000689//Homo sapiens ataxin-7 (SCA7) mRNA, complete cds//0.053:160:64//Hs.108447:AJ000517
 R-OVARC1000700//Homo sapiens KIAA0441 mRNA, complete cds//7.1e-09:141:73//Hs.32511:AB007901
 40 R-OVARC1000703//ESTs//1.7e-46:298:87//Hs.138856:H47461
 R-OVARC1000730//ESTs, Weakly similar to C27F2.7 gene product [C.elegans]//1.7e-17:137:86//Hs.7049:
 AI141736
 R-OVARC1000746//ESTs//0.16:366:60//Hs.136969:AA830918
 R-OVARC1000769//ESTs, Weakly similar to eukaryotic initiation factor eIF-2 alpha kinase [D.melanogaster]//4.6e-
 45 28:430:69//Hs.42457:AA523306
 R-OVARC1000771//ESTs//1.3e-87:461:94//Hs.22399:AA531016
 R-OVARC1000781//ESTs//8.3e-119:572:97//Hs.41972:AA626793
 R-OVARC1000787//ESTs//7.4e-18:115:93//Hs.164036:AA845659
 R-OVARC1000800//MITOCHONDRIAL STRESS-70 PROTEIN PRECURSOR//4.9e-19:119:95//Hs.3069:L11066
 50 R-OVARC1000802//ESTs//2.2e-41:383:78//Hs.161228:AI419764
 R-OVARC1000834//Homo sapiens mRNA for atopy related autoantigen CALC//1.2e-106:536:95//Hs.61628:
 Y17711
 R-OVARC1000846//Clathrin, light polypeptide (Lcb)//1.6e-66:282:87//Hs.73919:X81637
 R-OVARC1000850//Homo sapiens PB39 mRNA, complete cds//1.2e-115:579:96//Hs.18910:AF045584
 55 R-OVARC1000862//EST//4.3e-14:129:81//Hs.150663:AA923096
 R-OVARC1000876//ESTs//1.0e-115:573:96//Hs.87287:AI150674
 R-OVARC1000883//ESTs//3.5e-109:523:98//Hs.28423:AI336292
 R-OVARC1000885//ESTs, Highly similar to HYPOTHETICAL OXIDOREDUCTASE IN ROCC-PTA INTERGENIC

EP 1 074 617 A2

REGION [Bacillus subtilis]/7.9e-98:525:93//Hs.10366:W21953
 R-OVARC1000886//ESTs//8.2e-79:417:94//Hs.7729:AA830777
 R-OVARC1000891//ESTs//6.8e-75:401:94//Hs.5833:H15401
 R-OVARC1000897//ESTs//3.5e-91:440:98//Hs.125264:AA873350
 5 R-OVARC1000912
 R-OVARC1000915//ESTs//1.0e-45:328:82//Hs.163980:AA715814
 R-OVARC1000924//ESTs//1.0e-100:501:96//Hs.30204:AA497127
 R-OVARC1000936//EST//3.0e-74:367:98//Hs.145098:AA421696
 R-OVARC1000937//EST//1.1e-53:290:95//Hs.162846:AA631215
 10 R-OVARC1000945//ESTs//4.9e-51:301:89//Hs.20100:W25794
 R-OVARC1000948//ESTs//3.7e-67:332:98//Hs.112570:AA621971
 R-OVARC1000959//Small inducible cytokine A5 (RANTES)//7.2e-44:283:86//Hs.155464:AF088219
 R-OVARC1000960//Homo sapiens KIAA0395 mRNA, partial cds//1.1e-41:348:80//Hs.43681:AL022394
 R-OVARC1000971//EST//6.2e-05:126:70//Hs.160491:AI254909
 15 R-OVARC1000984//ESTS, Weakly similar to No definition line found [C.elegans]/3.5e-68:346:96//Hs.25544:AA532784
 R-OVARC1000996//EST//0.12:92:71//Hs.117141:AA678811
 R-OVARC1000999//Homo sapiens KIAA0414 mRNA, partial cds//1.5e-44:513:73//Hs.127649:AB007874
 R-OVARC1001000//ESTs//1.8e-22:198:80//Hs.140608:N53448
 20 R-OVARC1001004//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//1.7e-28:181:77//Hs.139107:K00629
 R-OVARC1001010//EST//2.1e-09:92:85//Hs.147893:AI223270
 R-OVARC1001011//EST//2.4e-14:200:75//Hs.149290:AI248117
 R-OVARC1001032//EST//2.7e-29:304:73//Hs.141733:W80630
 R-OVARC1001034//Homo sapiens apoptotic protease activating factor 1 (Apaf-1) mRNA, complete cds//2.1e-09:137:74//Hs.77579:AF013263
 25 R-OVARC1001038//Homo sapiens TRIAD1 type I mRNA, complete cds//4.1e-101:501:96//Hs.9899:AF099149
 R-OVARC1001040//ESTs//2.9e-87:415:99//Hs.132812:AI032046
 R-OVARC1001044//ESTs//1.1e-83:432:96//Hs.55043:N94384
 R-OVARC1001051//60S RIBOSOMAL PROTEIN L41//1.2e-16:124:88//Hs.108124:Z12962
 30 R-OVARC1001055//ESTs//2.4e-23:238:76//Hs.141421:H99231
 R-OVARC1001062//ESTs//3.4e-92:469:96//Hs.34658:N98652
 R-OVARC1001068//Homo sapiens Era GTPase A protein (HERA-A) mRNA, partial cds//7.3e-97:463:98//Hs.3426:AF082657
 R-OVARC1001072//ESTs//1.3e-34:227:89//Hs.126704:W95844
 35 R-OVARC1001074
 R-OVARC1001085//Human T-cell leukemia virus enhancer factor//1.0:94:69//Hs.103126:U57029
 R-OVARC1001092//Homo sapiens mRNA for JM5 protein, complete CDS (clone IMAGE 53337, LLNLc110F1857Q7 (RZPD Berlin) and LLNLc110G0913Q7 (RZPD Berlin))//1.4e-96:325:98//Hs.21753:AJ005897
 R-OVARC1001113//Homo sapiens diaphanous 1 (HDIA1) mRNA, complete cds//3.3e-75:386:95//Hs.26584:AF051782
 40 R-OVARC1001117//Human G protein-coupled receptor (STRL22) mRNA, complete cds//3.9e-37:283:84//Hs.46468:U45984
 R-OVARC1001118//ESTs//5.3e-99:485:97//Hs.130815:AA936548
 R-OVARC1001129//ESTs//9.8e-66:351:95//Hs.18616:T99312
 45 R-OVARC1001161//ESTs, Moderately similar to !!!! ALU SUBFAMILY SX WARNING ENTRY !!!! [H.sapiens]/2.2e-66:346:95//Hs.53263:AA173226
 R-OVARC1001162//EST//1.5e-44:376:80//Hs.161917:AA483223
 R-OVARC1001167//ESTs//4.7e-110:548:96//Hs.35254:AI133727
 R-OVARC1001169//ESTs//0.22:152:68//Hs.149424:AI274200
 50 R-OVARC1001170//Small inducible cytokine A5 (RANTES)//1.8e-42:305:84//Hs.155464:AF088219
 R-OVARC1001173//EST//2.5e-35:182:84//Hs.161917:AA483223
 R-OVARC1001180//Human macrophage-derived chemokine precursor (MDC) mRNA, complete cds//6.6e-64:247:80//Hs.97203:U83171
 R-OVARC1001188//ESTs//4.1e-18:296:69//Hs.139197:AA228343
 55 R-OVARC1001200//ESTs//2.0e-28:207:85//Hs.35121:AA877826
 R-OVARC1001232//ESTs//3.2e-61:358:91//Hs.6449:W95025
 R-OVARC1001240//ESTs//6.7e-45:316:85//Hs.121675:AA629668
 R-OVARC1001243//ESTs//2.3e-86:409:99//Hs.163091:AA742361

R-OVARC1001261//ESTs//0.63:125:64//Hs.155743:AI344166
 R-OVARC1001268//ESTs//8.1e-20:113:98//Hs.109477:AA477929
 R-OVARC1001270//ESTs//1.5e-107:530:97//Hs.62905:AA460708
 R-OVARC1001271//ESTs//4.5e-36:401:72//Hs.20190:AA525532
 5 R-OVARC1001282//EST//4.0e-91:428:99//Hs.145599:AI263113
 R-OVARC1001296//ESTs//2.6e-63:301:100//Hs.125753:AA740885
 R-nnnnnnnnnnnnn//Homo sapiens mRNA for KIAA0518 protein, partial cds//3.8e-70:334:100//Hs.23763:AB011090
 R-OVARC1001329//Clathrin, light polypeptide (Lcb)//1.3e-68:304:83//Hs.73919:X81637
 10 R-OVARC1001330//Proline arginine-rich end leucine-rich repeat protein//1.0:147:63//Hs.76494:U41344
 R-OVARC1001339//Small inducible cytokine A5 (RANTES)//5.0e-48:452:76//Hs.155464:AF088219
 R-OVARC1001341//ESTs, Moderately similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.sapiens]//6.9e-85:464:93//Hs.23651:AA650356
 R-OVARC1001342//40S RIBOSOMAL PROTEIN S8//4.9e-110:568:95//Hs.118690:X67247
 15 R-OVARC1001344//EST//3.6e-44:341:81//Hs.162197:AA535216
 R-OVARC1001357//TUMOR-ASSOCIATED ANTIGEN L6//9.8e-44:250:93//Hs.3337:M90657
 R-OVARC1001360//ESTs//5.2e-110:534:98//Hs.24743:AA843844
 R-OVARC1001369//ESTs//1.7e-98:478:97//Hs.7729:AA830777
 R-OVARC1001372//ESTs//2.6e-97:456:99//Hs.153648:AI341415
 20 R-OVARC1001376//Homo sapiens mRNA for KIAA0575 protein, complete cds//1.1e-53:344:72//Hs.153468:AB011147
 R-OVARC1001381//ESTs//5.1e-19:200:66//Hs.114031:AA700958
 R-OVARC1001391
 R-nnnnnnnnnnnnn//ESTs//0.003 9:48:95//Hs.117964:N20913
 25 R-OVARC1001417//Homo sapiens EXLM1 mRNA, complete cds//3.2e-111:561:95//Hs.21586:AB006651
 R-OVARC1001419
 R-OVARC1001425//EST//5.7e-20:395:66//Hs.159707:AI393136
 R-OVARC1001436//ESTs//9.6e-90:427:99//Hs.6982:AA622427
 R-OVARC1001442//ESTs//1.1e-66:317:100//Hs.18437:AI206345
 30 R-OVARC1001453//ESTs//2.0e-20:163:84//Hs.133503:AA628592
 R-OVARC1001476//EST//0.23:125:66//Hs.71444:AA131700
 R-OVARC1001480//ESTs//3.1e-56:181:97//Hs.40109:AA928694
 R-OVARC1001489//ESTs//1.0:297:58//Hs.86723:AA393089
 R-OVARC1001496//Homo sapiens C-terminal binding protein 2 mRNA, complete cds//3.0e-117:585:96//Hs.6534:AF016507
 35 R-OVARC1001506//Small inducible cytokine A5 (RANTES)//1.8e-48:283:90//Hs.155464:AF088219
 R-OVARC1001525//EST//0.80:170:60//Hs.157398:AI364539
 R-OVARC1001542//Homo sapiens hJTB mRNA, complete cds//1.6e-111:566:95//Hs.6396:AB016492
 R-OVARC1001547//ESTs//5.7e-105:564:93//Hs.68835:AA088388
 40 R-OVARC1001577//Homo sapiens SRp46 splicing factor retropseudogene mRNA//4.4e-20:150:89//Hs.155160:AF031166
 R-OVARC1001600//Human mRNA for KIAA0118 gene, partial cds//8.6e-21:282:72//Hs.154326:D42087
 R-OVARC1001610//ESTs//4.6e-108:555:95//Hs.44295:N32019
 R-OVARC1001611//ESTs//0.0021:117:71//Hs.135568:AA972965
 45 R-OVARC1001615//Homo sapiens KIAA0409 mRNA, partial cds//9.2e-19:114:78//Hs.5158:AB007869
 R-OVARC1001668//ESTs//1.0:127:69//Hs.153290:AI022659
 R-OVARC1001702//ESTs//4.8e-44:225:97//Hs.96855:AA346854
 R-OVARC1001703//ESTs//2.3e-89:426:99//Hs.27099:W60080
 R-OVARC1001711//ESTs//1.9e-57:251:99//Hs.9732:AA527784
 50 R-OVARC1001726//ESTs, Highly similar to APICAL PROTEIN [Xenopus laevis]//1.2e-27:236:81//Hs.15485:AA046954
 R-OVARC1001731//Tropomyosin4(fibroblast)//7.9e-74:422:90//Hs.102824:X05276
 R-OVARC1001745//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//1.7e-62:300:83//Hs.144563:AF057280
 55 R-nnnnnnnnnnnnn//ESTs, Weakly similar to N-TERMINAL ACETYLTRANSFERASE 1 [S.cerevisiae]//6.8e-100:540:92//Hs.117741:AA903456
 R-OVARC1001766//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds//1.1e-109:567:94//Hs.155377:U97670

R-nnnnnnnnnnnnn//Homo sapiens mRNA for KIAA0675 protein, complete cds//2.0e-109:529:97//Hs.15869:
 AB014575
 R-OVARC1001768//ESTs//3.5e-59:327:94//Hs.107923:H66127
 R-OVARC1001791//ESTs//1.3e-111:565:96//Hs.6107:AA160604
 5 R-OVARC1001795//ESTs//2.8e-97:526:93//Hs.72158:AA156978
 R-OVARC1001802//Homo sapiens DEC-205 mRNA, complete cds//4.8e-36:276:81//Hs.153563:AF011333
 R-OVARC1001805//ESTs//4.1e-78:375:98//Hs.126902:AI374688
 R-OVARC1001812//EST//4.8e-45:349:80//Hs.162677:AA604831
 R-OVARC1001813//Homo sapiens mRNA for KIAA0538 protein, partial cds//2.1e-15:519:63//Hs.25639:AB011110
 10 R-OVARC1001820//ESTs//9.5e-50:314:80//Hs.140491:W52705
 R-OVARC1001828//ESTs//0.11:186:63//Hs.29055:AI374621
 R-OVARC1001846//ESTs//0.34:134:66//Hs.152992:AI242160
 R-OVARC1001861//ESTs//2.3e-19:120:92//Hs.42225:N31809
 R-OVARC1001873//Homo sapiens clones 24718 and 24825 mRNA sequence//1.9e-105:571:91//Hs.25300:
 15 AF070611
 R-OVARC1001879//EST//1.3e-24:185:85//Hs.136617:AA630476
 R-OVARC1001880//Homo sapiens mRNA for KIAA0575 protein, complete cds//2.2e-49:302:90//Hs.153468:
 AB011147
 R-OVARC1001883//ESTs//1.0e-51:295:93//Hs.164059:AA447310
 20 R-OVARC1001900//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1) mRNA, complete cds//
 1.6e-87:346:90//Hs.6216:AF061749
 R-OVARC1001901//ESTs//6.8e-24:132:98//Hs.130797:AA904435
 R-OVARC1001911//ESTs//1.1e-88:491:92//Hs.32343:W73855
 R-OVARC1001916//ESTs//7.9e-97:491:95//Hs.24989:H97842
 25 R-OVARC1001928
 R-OVARC1001942//ESTs, Weakly similar to N-TERMINAL ACETYLTRANSFERASE 1 [S.cerevisiae]//2.5e-39:
 253:88//Hs.117741:AA903456
 R-OVARC1001943//ESTs//9.3e-13:78:100//Hs.143680:W38637
 R-OVARC1001949//ESTs, Highly similar to ZINC FINGER PROTEIN 8 [Homo sapiens]//8.3e-96:498:94//Hs.
 30 22744:AI379892
 R-OVARC1001950//EST//1.3e-35:236:81//Hs.132635:AI032875
 R-OVARC1001987//ESTs//5.6e-94:514:92//Hs.21148:AI183729
 R-OVARC1001989//ESTs//9.7e-46:228:99//Hs.127046:AA935887
 R-OVARC1002044//ESTs//3.4e-45:303:85//Hs.132722:AA618531
 35 R-OVARC1002050//Homo sapiens mRNA for KIAA0465 protein, partial cds//4.4e-109:542:96//Hs.108258:
 AB007934
 R-OVARC1002066//ESTs//8.5e-97:455:99//Hs.135477:AI088556
 R-OVARC1002082//Homo sapiens mRNA for KIAA0772 protein, complete cds//8.1e-47:340:82//Hs.15519:
 AB018315
 40 R-OVARC1002107//ESTs//5.9e-103:498:98//Hs.157207:AA629860
 R-OVARC1002127//ESTs//3.0e-87:419:98//Hs.127833:AI347130
 R-OVARC1002138//ESTs, Weakly similar to HYPOTHETICAL 54.7 KD PROTEIN C07A9.1 IN CHROMOSOME
 III [Caenorhabditis elegans]//1.7e-102:485:98//Hs.137516:AA805691
 R-OVARC1002143//ESTs//1.3e-79:428:92//Hs.158126:W26825
 45 R-OVARC1002156//ESTs//1.6e-38:198:98//Hs.22957:AA478923
 R-OVARC1002158//ESTs//7.3e-81:412:96//Hs.12211:AA908631
 R-OVARC1002165//ESTs//1.8e-09:154:72//Hs.49354:AA424160
 R-OVARC1002182//ESTs//4.3e-80:465:91//Hs.77067:AA040478
 R-PLACE1000004//ESTs, Weakly similar to TEICHOIC ACID BIOSYNTHESIS PROTEIN A [Bacillus subtilis]//
 50 7.5e-32:164:99//Hs.144194:AA706337
 R-PLACE1000005//EST//0.37:212:60//Hs.127020:AA934920
 R-PLACE1000007//Homo sapiens clone 24422 mRNA sequence//3.8e-16:100:97//Hs.109268:AF070557
 R-PLACE1000014//EST//9.6e-44:344:77//Hs.161917:AA483223
 R-PLACE1000031//ESTs//2.2e-32:374:70//Hs.117969:H94870
 55 R-PLACE1000040//ESTs//0.00017:316:59//Hs.23342:AI310440
 R-PLACE1000048//Human Line-1 repeat mRNA with 2 open reading frames//4.8e-79:519:86//Hs.23094:M19503
 R-PLACE100005011ESTs//9.7e-90:453:96//Hs.27410:N25612
 R-PLACE1000061//Ribosomal protein L37a//5.5e-22:126:97//Hs.1946:L06499

EP 1 074 617 A2

R-PLACE1000066//ESTs, Weakly similar to coded for by C. elegans cDNA yk10c10.3 [C.elegans]//1.4e-61:331:94//Hs.30026:AI356771
R-PLACE1000078//ESTs//2.6e-30:212:85//Hs.89312:AA167659
R-PLACE1000081
5 R-PLACE1000094
R-PLACE1000133//ESTs//4.4e-87:448:94//Hs.93748:AA884505
R-PLACE1000142//ESTs, Weakly similar to enoyl-CoA hydratase [H.sapiens]//5.5e-103:538:94//Hs.9670:AA632135
R-PLACE1000184//Homo sapiens estrogen-related receptor gamma mRNA, complete cds//4.1e-114:594:94//Hs.151017:AF058291
10 R-PLACE1000185//ESTs, Weakly similar to No definition line found [C.elegans]//2.0e-19:114:95//Hs.7036:W22072
R-PLACE1000213//ESTs//9.4e-99:494:96//Hs.24398:AI262946
R-PLACE1000214//ESTs//5.3e-98:466:98//Hs.28661:AA805916
15 R-PLACE1000236//Human BENE mRNA, partial cds//1.7e-19:162:84//Hs.85889:U17077
R-PLACE1000246//EST//0.026:134:66//Hs.135611:Z21545
R-PLACE1000292//ESTs//2.5e-80:418:96//Hs.138233:N57912
R-PLACE1000332//EST//1.7e-82:422:96//Hs.118637:T61940
R-PLACE1000347//ESTs//8.5e-36:180:100//Hs.6377:AA632424
20 R-PLACE1000374//ESTs//2.8e-90:434:98//Hs.161785:AI423126
R-PLACE1000380//ESTs//1.0e-81:399:97//Hs.47105:AI334994
R-PLACE1000383//ESTs//3.7e-75:405:94//Hs.23200:AA203708
R-PLACE1000401//ESTs//1.4e-16:212:72//Hs.151665:AA020959
R-PLACE1000406//ESTs//2.1e-51:259:97//Hs.129651:N53089
25 R-PLACE1000420//ESTs//7.7e-92:471:95//Hs.144407:AA737799
R-PLACE1000421//ESTs//2.9e-14:282:67//Hs.142068:AA176125
R-PLACE1000424//EST//2.9e-35:453:70//Hs.162404:AA573131
R-PLACE1000435//Homo sapiens protein phosphatase with EF-hands-2 long form (PPEF-2) mRNA, complete cds//1.6e-47:472:77//Hs.113259:AF023456
30 R-PLACE1000444//ESTs, Moderately similar to platelet glycoprotein IIb precursor [H.sapiens]//2.0e-58:410:81//Hs.97579:AA398118
R-PLACE1000453//ESTs//2.3e-85:442:95//Hs.9725:AA039793
R-PLACE1000481//ESTs, Weakly similar to Ndr protein kinase [H.sapiens]//3.2e-109:549:95//Hs.19074:U69566
R-PLACE1000492//ESTs, Highly similar to vacuolar protein sorting homolog r-vps33b [R.norvegicus]//3.5e-83:435:94//Hs.26510:AA700425
35 R-PLACE1000540//ESTs//3.2e-58:281:99//Hs.118270:AA844729
R-PLACE1000547//Homo sapiens mRNA for KIAA0640 protein, partial cds//2.2e-32:208:88//Hs.153026:AB014540
R-PLACE1000562//ESTs, Weakly similar to HYPOTHETICAL 23.0 KD PROTEIN IN IXR1-TFA1 INTERGENIC REGION [Saccharomyces cerevisiae]//1.9e-26:220:81//Hs.163791:W25348
40 R-PLACE1000564//ESTs//1.1e-54:302:92//Hs.158520:AI380485
R-PLACE1000583//Human mRNA for KIAA0355 gene, complete cds//5.5e-43:404:75//Hs.153014:AB002353
R-nnnnnnnnnnnn//Guanylate binding protein 1, interferon-inducible, 67kD//6.1e-79:542:82//Hs.62661:M55542
R-PLACE1000596//ESTs//0.0028:364:59//Hs.106090:AA457030
45 R-PLACE1000599//Human mRNA for KIAA0118 gene, partial cds//4.3e-49:295:90//Hs.154326:D42087
R-PLACE1000610//ESTs//0.0010:104:74//Hs.17413:N45301
R-PLACE1000636//ESTs//1.8e-64:340:95//Hs.100895:AA479308
R-PLACE1000653//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds//5.3e-101:506:96//Hs.5819:AF102265
50 R-PLACE1000656//Homo sapiens mRNA for JM4 protein, complete CDS (clone IMAGE 546750 and LLNLc110F1857Q7 (RZPD Berlin))//1.4e-102:559:92//Hs.29595:AJ005896
R-PLACE1000706//Homo sapiens transcription intermediary factor 1 (TIF1) mRNA, complete cds//2.8e-10:281:64//Hs.128763:AF009353
R-PLACE1000712//ESTs//7.8e-60:317:95//Hs.8245:AA115485
55 R-PLACE1000716
R-PLACE1000748//ESTs//8.9e-87:466:93//Hs.25245:AA176701
R-PLACE1000749//EST//0.019:186:61//Hs.135443:AI077396
R-PLACE1000755//ESTs, Weakly similar to HYPOTHETICAL HELICASE K12H4.8 IN CHROMOSOME III [C.el-

- egans//3.9e-40:224:94//Hs.87889:AA262008
 R-PLACE1000769//Homo sapiens clone 24566 mRNA sequence//6.5e-27:531:66//Hs.133342:AF070536
 R-PLACE1000785//Homo sapiens mRNA for KIAA0648 protein, partial cds//8.5e-103:513:96//Hs.31921:AB014548
- 5 R-PLACE1000786//ESTs//5.2e-93:449:97//Hs.58389:W74482
 R-nnnnnnnnnnnn//H.sapiens mRNA for chemokine HCC-1//0.88:201:60//Hs.20144:AF088219
 R-PLACE1000798//ESTs//1.1e-97:508:94//Hs.139119:N32189
 R-PLACE1000841//ESTs, Highly similar to guanine nucleotide regulatory protein [H.sapiens]//7.7e-31:220:86//Hs.117576:R33135
- 10 R-nnnnnnnnnnnn//ESTs//1.8e-87:459:94//Hs.43100:AA186588
 R-PLACE1000856//ESTs//0.0084:224:59//Hs.145906:AI275039
 R-PLACE1000863//ESTs, Highly similar to PUTATIVE 40S RIBOSOMAL PROTEIN YHR148W [Saccharomyces cerevisiae]//2.2e-92:467:95//Hs.6118:-AI141558
 R-PLACE1000909//ESTs//4.7e-89:435:97//Hs.95744:AI392846
- 15 R-PLACE1000931//EST//1.9e-28:261:73//Hs.135545:AI097091
 R-PLACE1000948//ESTs//0.034:329:58//Hs.114851:AA608697
 R-PLACE1000972//EST//3.3e-24:264:74//Hs.130321:AI002941
 R-PLACE1000977//EST//0.085:153:65//Hs.131646:AI025689
 R-PLACE1000979
- 20 R-PLACE1001000//ESTs//4.7e-56:284:96//Hs.117978:AA810725
 R-PLACE1001007//ESTs, Moderately similar to MNK1 [H.sapiens]//5.2e-63:343:93//Hs.5662:AA868361
 R-PLACE1001010//EST//0.96:53:71//Hs.96973:AA351146
 R-PLACE1001015//Oxytocin receptor//2.8e-25:308:71//Hs.2820:X64878
 R-PLACE1001024//ESTs//5.0e-12:79:96//Hs.97910:AA404736
- 25 R-PLACE1001036//ESTs//4.0e-15:301:65//Hs.137947:AI025762
 R-PLACE1001062//ESTs//5.2e-15:199:73//Hs.138982:AA056120
 R-PLACE1001076//ESTs//3.9e-84:406:98//Hs.115455:AA678124
 R-PLACE1001088//ESTs//3.0e-106:518:97//Hs.158964:AA639580
 R-PLACE1001092//Homo sapiens SEC63 (SEC63) mRNA, complete cds//0.035:259:59//Hs.31575:AF100141
- 30 R-PLACE1001104//ESTs//6.1e-115:582:95//Hs.10972:AA164268
 R-PLACE1001118//ESTs//6.9e-81:440:93//Hs.5383:AA913610
 R-PLACE1001136//ESTs//7.4e-41:168:83//Hs.95115:AA206594
 R-PLACE1001168//ESTs//3.9e-21:116:99//Hs.5897:AA148834
 R-PLACE1001171//ESTs, Highly similar to CYTOCHROME B-245 LIGHT CHAIN [H.sapiens]//0.91:77:71//Hs.115211:AA287527
- 35 R-PLACE1001185//ESTs//1.5e-65:330:96//Hs.26368:AA789297
 R-PLACE1001238//ESTs, Moderately similar to RNA polymerase I associated factor [M.musculus]//1.9e-99:512:94//Hs.24884:AA176812
 R-PLACE1001241//ESTs//1.1e-81:446:93//Hs.42278:AI073464
- 40 R-PLACE1001257//EST//6.4e-46:298:87//Hs.162404:AA573131
 R-PLACE1001272//ESTs//0.31:158:61//Hs.42960:N95371
 R-PLACE1001279//ESTs//1.8e-77:376:97//Hs.29276:AA427780
 R-PLACE1001280//ESTs//1.1e-30:134:89//Hs.163492:AI334460
 R-PLACE1001294//ESTs, Moderately similar to GAMETOGENESIS EXPRESSED PROTEIN GEG-154 [M.musculus]//2.7e-22:181:84//Hs.48320:AA149548
- 45 R-PLACE1001304//ESTs, Weakly similar to ZINC FINGER PROTEIN 135 [H.sapiens]//4.2e-34:195:92//Hs.86276:W27601
 R-PLACE1001311//ESTs//9.1e-91:438:97//Hs.41055:AI339056
 R-PLACE1001323//Human transmembrane 4 superfamily protein (SAS) mRNA, complete cds//5.5e-44:215:86//Hs.50984:U01160
- 50 R-PLACE1001351//ESTs//2.4e-101:494:97//Hs.23944:AI097077
 R-PLACE1001366//Small inducible cytokine A5 (RANTES)//8.7e-43:284:85//Hs.155464:AF088219
 R-PLACE1001377//Homo sapiens ADAM10 (ADAM10) mRNA, complete cds//2.3e-81:431:93//Hs.152005:AF009615
- 55 R-PLACE1001383//Homo sapiens clone 24538 mRNA sequence//1.0e-36:192:97//Hs.12342:AF055030
 R-PLACE1001384//Homo sapiens multi PDZ domain protein MUPP1 (MUPP1) mRNA, complete cds//1.0e-86:456:94//Hs.21301:AF093419
 R-PLACE1001387//ESTs//6.0e-74:383:94//Hs.55016:AI298280

EP 1 074 617 A2

R-PLACE1001395//ESTs//2.3e-94:473:95//Hs.22394:N32555
 R-PLACE1001399//ESTs//2.6e-41:204:100//Hs.24462:N36348
 R-PLACE1001412//Homo sapiens clone 643 unknown mRNA, complete sequence//2.6e-45:242:95//Hs.110404:AF091087
 5 R-PLACE1001414//ESTs//0.0013:77:75//Hs.144614:AA291800
 R-PLACE1001440
 R-PLACE1001456//EST//0.76:120:62//Hs.34011:H48115.
 R-PLACE1001468//ESTs//4.0e-80:403:96//Hs.131832:AI017547
 R-PLACE1001484//ESTs//3.0e-16:201:72//Hs.153413:AI248625
 10 R-PLACE1001502//ESTs//8.1e-31:161:99//Hs.126264:AA455617
 R-PLACE1001503//ESTs//2.4e-37:176:81//Hs.141581:AA315361
 R-PLACE1001517//Homo sapiens hGAAI mRNA, complete cds//2.1e-57:339:90//Hs.4742:AB006969
 R-PLACE1001534//ESTs//3.6e-61:304:97//Hs.45207:AI042153
 R-PLACE1001545//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.6e-22:
 15 170:85//Hs.155456:AA707265
 R-PLACE1001551//ESTs//1.5e-39:202:98//Hs.139269:AA894431
 R-PLACE1001570//EST//1.1e-70:495:82//Hs.144234:W52249
 R-PLACE1001602//EST//0.33:297:57//Hs.149839:AI287601
 R-PLACE1001603//ESTs//2.0e-17:181:76//Hs.155334:AA827904
 20 R-PLACE1001610//EST//1.1e-86:442:95//Hs.112580:AA608683
 R-PLACE1001611//Homo sapiens histone macroH2A1.2 mRNA, complete cds//1.1e-42:217:97//Hs.75258:AF054174
 R-PLACE1001632//ESTs, Highly similar to ZINC FINGER PROTEIN 91 [Homo sapiens]//1.5e-78:458:91//Hs.114547:AA167095
 25 R-PLACE1001634//ESTs//0.0035:40:97//Hs.101577:AI168526
 R-PLACE1001640//ESTs//0.0028:377:57//Hs.131044:D61640
 R-PLACE10016727//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//0.98:141:62//Hs.153060:AA195804
 R-PLACE1001691//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds//4.7e-113:545:97//Hs.3688:AF069250
 30 R-PLACE1001692//EST//3.0e-43:430:75//Hs.162975:AA679124
 R-PLACE1001705//ESTs//3.0e-81:418:94//Hs.22646:AI374903
 R-PLACE1001716//EST//0.76:150:62//Hs.128906:AA983667
 R-PLACE1001720//ESTs//2.4e-64:385:90//Hs.60455:AA010993
 35 R-PLACE1001729//ESTs//2.9e-84:418:96//Hs.134740:AA282171
 R-PLACE1001739//ESTs, Weakly similar to P68 PROTEIN [H.sapiens]//9.1e-32:206:89//Hs.6366:AA614113
 R-PLACE1001740//EST//6.5e-05:113:68//Hs.139949:AA644266
 R-PLACE1001745//ESTs//3.3e-92:473:95//Hs.104270:AA236479
 R-PLACE1001746//ESTs//8.8e-93:443:98//Hs.112198:AI423937
 40 R-PLACE1001748//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds//4.1e-93:540:89//Hs.4812:AF061243
 R-PLACE1001756//ESTs//0.17:157:66//Hs.141565:N64662
 R-PLACE1001761
 R-PLACE1001771//ESTs//0.92:165:62//Hs.473 87:N51980
 45 R-PLACE1001781//ESTs//5.7e-84:437:95//Hs.23363:AA081236
 R-PLACE1001799//EST//0.00039:126:65//Hs.123267:AA807352
 R-PLACE1001817//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS) mRNA; partial cds//1.3e-93:463:95//Hs.40820:AF058953
 R-PLACE1001821//Small inducible cytokine A5 (RANTES)//2.7e-35:328:75//Hs.155464:AF088219
 50 R-PLACE1001845
 R-PLACE1001869//EST//1.0:207:62//Hs.137298:W32868
 R-PLACE1001897//ESTs//2.4e-23:219:80//Hs.7503:H50009
 R-PLACE1001912//ESTs//1.5e-32:162:78//Hs.136810:AA789098
 R-PLACE1001920//Homo sapiens TNF-induced protein GG2-1 mRNA, complete cds//3.9e-74:363:97//Hs.17839:AF099936
 55 R-PLACE1001928//Homo sapiens mRNA for KIAA0623 protein, complete cds//0.85:130:66//Hs.151406:AB014523
 R-PLACE1001983//ESTs//2.8e-66:334:96//Hs.110155:AA007313

R-PLACE1001989//ESTs//1.3e-88:453:95//Hs.132717:AA171941
 R-PLACE1002046
 R-PLACE1002052//ESTs//1.7e-79:428:94//Hs.6737:N32595
 R-PLACE1002066//ESTs//2.8e-82:427:94//Hs.132972:AA543094
 5 R-PLACE1002072//ESTs//0.27:108:66//Hs.123163:AA809619
 R-PLACE1002073//EST//5.5e-70:369:95//Hs.132339:AI028552
 R-PLACE1002090//ESTs//6.3e-73:361:96//Hs.134469:AA731632
 R-PLACE1002115//ESTs//4.6e-34:233:88//Hs.163443:R23311
 R-PLACE1002119//ESTs//1.2e-88:444:96//Hs.15725:AA521293
 10 R-PLACE1002140//ESTs//6.6e-22:118:100//Hs.22793:W91937
 R-PLACE1002150//ESTs//4.0e-96:465:98//Hs.7312:AI167614
 R-PLACE1002157//EST, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG[H.sapiens]//3.6e-39:400:76//Hs.162172:AA534189
 R-PLACE1002163//ESTs//3.2e-83:428:95//Hs.137011:AI185965
 15 R-PLACE1002171//ESTs//5.3e-68:392:90//Hs.62273:AA143745
 R-PLACE1002205//ESTs//1.5e-39:211:95//Hs.28338:N48793
 R-PLACE1002213//ESTs//5.1e-38:290:83//Hs.146811:AA410788
 R-PLACE1002227//EST//1.3e-14:214:72//Hs.46979:N49892
 R-PLACE1002256//ESTs//2.4e-100:484:98//Hs.9343:AI004257
 20 R-PLACE1002259//Human Line-1 repeat mRNA with 2 open reading frames//5.8e-67:501:81//Hs.23094:M19503
 R-PLACE1002319//ESTs//1.4e-28:17 8:92//Hs.7353:AA209308
 R-PLACE1002342//Homo sapiens mRNA for KIAA0728 protein, partial cds//1.6e-95:501:93//Hs.18277:AB018271
 R-PLACE1002395//ESTs//3.6e-25:248:77//Hs.3853:AA034291
 R-PLACE1002399//ESTs//1.5e-27:238:78//Hs.13014:W26381
 25 R-PLACE1002433//ESTs//4.3e-108:511:98//Hs.98324:AA621959
 R-PLACE1002437//EST//1.2e-06:158:61//Hs.159833:T24110
 R-PLACE1002438//Sjogren syndrome antigen B (autoantigen La)//0.93:176:60//Hs.83715:X69804
 R-PLACE1002450//ESTs//1.5e-89:432:98//Hs.47371:AA136333
 R-PLACE1002465//ESTs//1.6e-92:488:93//Hs.78110:AA741320
 30 R-PLACE1002474//Human matrilin-2 precursor mRNA, partial cds//4.9e-23:166:85//Hs.19368:U69263
 R-PLACE1002477//ESTs//2.5e-62:305:98//Hs.88605:AA421132
 R-PLACE1002493//Homo sapiens signal transducing adaptor molecule 2A (STAM2) mRNA, complete cds//3.6e-55:307:91//Hs.17200:AF042273
 R-PLACE1002499//ESTs//7.4e-72:373:96//Hs.128221:AA972429
 35 R-PLACE1002500//Homo sapiens KIAA0409 mRNA, partial cds//1.2e-40:296:83//Hs.5158:AB007869
 R-PLACE1002514//ESTs, Weakly similar to !!!! ALU SUBFAMILY SB1 WARNING ENTRY !!!! [H.sapiens]//6.4e-14:217:69//Hs.152230:AI140609
 R-PLACE1002529//Homo sapiens mRNA for KIAA0713 protein, partial cds//5.1e-88:582:85//Hs.88756:AB018256
 R-PLACE1002532//Homo sapiens BAC clone RG300E22 from 7q21-q31.1//2.7e-19:116:93//Hs.99348:AC004774
 40 R-PLACE1002537//ESTs//4.8e-93:440:99//Hs.164005:AA766491
 R-PLACE1002571//ESTs, Highly similar to ACTIN-LIKE PROTEIN 13E [Drosophila melanogaster]//1.3e-108:555:95//Hs.23259:AA532437
 R-PLACE1002578//EST//1.9e-40:337:81//Hs.162404:AA573131
 R-PLACE1002583//EST//1.2e-07:264:65//Hs.156414:AI339738
 45 R-PLACE1002591//ESTs//2.3e-67:372:94//Hs.143046:N73778
 R-PLACE1002598//ESTs, Highly similar to PROTEIN HI1715 [Haemophilus influenzae]//1.2e-44:228:97//Hs.7527:AA843208
 R-PLACE1002604//ESTs//3.3e-106:532:96//Hs.86828:AA632147
 R-PLACE1002625//EST//3.8e-13:173:74//Hs.138597:H77749
 50 R-PLACE1002665//Small inducible cytokine A4 (homologous to mouse Mip-1b)//1.0:189:58//Hs.75703:J04130
 R-PLACE1002685//Homo sapiens B cell linker protein BLNK mRNA, alternatively spliced, complete cds//3.8e-79:390:97//Hs.124903:AF068180
 R-PLACE1002714//ESTs//8.2e-63:340:93//Hs.7973:H19830
 R-PLACE1002722//ESTs, Weakly similar to putative G-protein-coupled receptor [H.sapiens]//6.8e-75:445:90//Hs.29202:R71586
 55 R-PLACE1002768//ESTs//1.2e-70:359:95//Hs.132600:H12865
 R-PLACE1002772//ESTs//8.1e-49:362:82//Hs.141254:AI334099
 R-PLACE1002782//ESTs//2.4e-58:284:98//Hs.143545:AI149014

R-PLACE1002794//ESTs//5.4e-21:114:100//Hs.77365:W93593
 R-PLACE1002811//ESTs//6.7e-68:329:98//Hs.78026:AA456955
 R-PLACE1002815//ESTs//6.8e-103:537:93//Hs.5459:AI304392
 R-PLACE1002816//ESTs//3.9e-05:118:68//Hs.98641:AA429916
 5 R-PLACE1002834//ESTs, Highly similar to ZINC FINGER PROTEIN 91 [Homo sapiens]//2.1e-42:233:94//Hs.
 61518:AA167094
 R-PLACE1002839//ESTs//1.7e-10:292:64//Hs.93012:R96142
 R-PLACE1002851//ESTs//1.7e-73:381:95//Hs.135021:AI096756
 R-PLACE1002853//ESTs//1.2e-89:453:96//Hs.23630:N57539
 10 R-PLACE1002881//ESTs//1.1e-71:360:96//Hs.34392:AI066762
 R-PLACE1002908//EST//2.7e-31:177:94//Hs.147925:AI249332
 R-PLACE1002941//ESTs//4.0e-96:519:92//Hs.125139:AA523995
 R-PLACE1002962
 R-PLACE1002968//ESTs//4.7e-31:420:69//Hs.116518:AA653202
 15 R-PLACE1002991//ESTs//9.0e-81:418:95//Hs.132717:AA171941
 R-PLACE10029937//ESTs, Weakly similar to !!!! ALU SUBFAMILY SB WARNING ENTRY !!!! [H.sapiens]//1.3e-86:
 502:89//Hs.32232:AA604268
 R-PLACE1002996//ESTs//1.9e-44:218:100//Hs.63657:AI144268
 R-PLACE1003025//ESTs//8.4e-104:517:96//Hs.10711:AI151499
 20 R-PLACE1003027//Human mRNA for KIAA0238 gene, partial cds//0.97:156r60//Hs.82042:D87075
 R-PLACE1003044//Human onconeural ventral antigen-1 (Nova-1) mRNA, complete cds//1.0:200:63//Hs.214:
 U04840
 R-PLACE1003092//ESTs//0.0046:267:60//Hs.133095:AA927777
 R-PLACE1003100//ESTs, Highly similar to NODULATION PROTEIN G [Rhizobium meliloti]//9.5e-94:491:93//Hs.
 25 6318:AI131178
 R-PLACE1003108//ESTs//0.00065:184:66//Hs.154366:AA527359
 R-PLACE1003136//Signal recognition particle 54 kD protein//0.057:317:59//Hs.49346:U51920
 R-PLACE1003145//ESTs//1.9e-98:534:92//Hs.61929:AA044757
 R-PLACE1003153//ESTs//5.8e-76:367:98//Hs.105196:AA483467
 30 R-PLACE1003174//ESTs//1.7e-44:226:98//Hs.59688:AA453924
 R-PLACE1003176
 R-PLACE1003190//ESTs//1.6e-74:356:99//Hs.121282:AI091453
 R-PLACE1003200//ESTs//4.6e-93:461:96//Hs.24321:AA971017
 R-PLACE1003205//ESTs//0.037:171:61//Hs.157077:H44802
 35 R-PLACE100323 8//ESTs, Weakly similar to KIAA0001 [H.sapiens]//2.5e-82:436:94//Hs.58561:W79123
 R-PLACE1003249//Human high-affinity copper uptake protein (hCTR1) mRNA, complete cds//7.9e-44:313:84//
 Hs.73614:U83460
 R-PLACE1003256//EST//9.6e-46:284:88//Hs.162404:AA573131
 R-PLACE1003258//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//8.3e-102:
 40 551:92//Hs.52431:AA625326
 R-PLACE1003296//ESTs//1.9e-88:451:96//Hs.57749:W92986
 R-PLACE1003302//ESTs, Highly similar to ZINC FINGER PROTEIN 43 [Homo sapiens]//8.2e-93:458:96//Hs.
 29147:AA883993
 R-PLACE1003334//ESTs, Weakly similar to !!!! ALU CLASS B WARNING ENTRY !!!! [H.sapiens]//3.3e-94:463:
 45 97//Hs.155050:AA908765
 R-PLACE1003342//ESTs//6.0e-88:447:96//Hs.107527:R66438
 R-PLACE1003343//EST//0.0087:412:58//Hs.159963:AA977701
 R-PLACE1003353//Homo sapiens breast cancer antiestrogen resistance 3 protein (BCAR3) mRNA, complete
 cds//1.1e-99:469:98//Hs.6564:U92715
 50 R-PLACE1003361//ESTs//3.5e-64:332:95//Hs.163861:AI199636
 R-PLACE1003366//ESTs//1.0e-87:492:92//Hs.72222:AA158234
 R-PLACE1003369//ESTs, Weakly similar to ZK1058.4 [C.elegans]//3.5e-18:109:95//Hs.27670:AI051591
 R-PLACE1003373//Homo sapiens mRNA for KIAA0472 protein, partial cds//2.6e-54:279:80//Hs.6874:AB007941
 R-PLACE1003375//ESTs//1.7e-88:431:97//Hs.41327:AI039909
 55 R-PLACE1003383//ESTs//0.00084:177:64//Hs.120695:AI377755
 R-PLACE1003401//ESTs//1.1e-16:147:80//Hs.132187:AI039020
 R-PLACE1003420//ESTs//1.4e-93:481:94//Hs.122565:AI126840
 R-PLACE1003454//ESTs//4.0e-57:310:93//Hs.121688:AA743697

R-PLACE1003478//EST//1.0:162:63//Hs.147003:AI184671
 R-PLACE1003493//ESTs//1.2e-73:383:95//Hs.28852:R64270
 R-PLACE1003516//ESTs//3.2e-23:206:80//Hs.138632:H97952
 R-PLACE1003519//H.sapiens hnRNP-E1 mRNA//1.7e-22:236:79//Hs.2853:Z29505
 5 R-PLACE1003521//ESTs//5.8e-74:371:96//Hs.30818:AA194980
 R-PLACE1003528//ESTs//1.1e-40:219:82//Hs.138856:H47461
 R-PLACE1003537//ESTs, Weakly similar to multispinning membrane protein [H.sapiens]//7.4e-69:338:98//Hs.110439:N93209
 R-PLACE1003553//ESTs//2.2e-87:438:97//Hs.132022:AI040321
 10 R-PLACE1003566//ESTs//1.2e-62:298:92//Hs.30799:AI052591
 R-PLACE1003575//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//2.4e-22:145:80//Hs.92381:AB007956
 R-PLACE1003583//ESTs, Weakly similar to hypothetical L1 protein [H.sapiens]//1.5e-14:264:65//Hs.158253:R86178
 15 R-PLACE1003584
 R-PLACE1003592//ESTs//1.3e-15:213:69//Hs.139507:T77542
 R-PLACE1003593//ESTs, Highly similar to FRG1 gene product [H.sapiens]//5.8e-75:459:89//Hs.23884:AD77106
 R-PLACE1003596//ESTs//0.011:273:61//Hs.71719:AA142875
 R-PLACE1003602//Homo sapiens mRNA expressed in placenta//7.8e-97:576:88//Hs.56851:D83200
 20 R-PLACE1003605//ESTs//3.7e-86:407:99//Hs.136057:AA988299
 R-nnnnnnnnnnnnn//ESTs//1.0:78:71//Hs.101248:T26446
 R-PLACE1003618//ESTs//6.8e-30:281:79//Hs.114455:AA411943
 R-PLACE1003625//ESTs//7.2e-78:377:98//Hs.102708:AA292285
 R-PLACE1003638//ESTs//6.7e-38:274:82//Hs.138852:AA284247
 25 R-PLACE1003669//ESTs//9.7e-83:418:95//Hs.4842:AI342607
 R-PLACE1003704//ESTs//3.0e-13:99:89//Hs.81648:W26521
 R-PLACE1003709//ESTs//0.019:178:60//Hs.32100:N59866
 R-PLACE1003711//ESTs//0.99:126:63//Hs.47005:N98639
 R-PLACE1003723//ESTs//1.7e-89:448:96//Hs.157222:AA766987
 30 R-PLACE1003738//ESTs//2.5e-36:182:100//Hs.122162:AI057087
 R-PLACE1003760//Human globin gene//L9e-98:538:91//Hs.100090:M69023
 R-PLACE1003762//EST//2.9e-15:125:85//Hs.162083:AA487512
 R-PLACE1003768//Human P042 gene, complete cds//3.1e-18:300:69//Hs.158302:U88965
 R-PLACE1003771//ESTs//1.2e-09:64:100//Hs.23799:AI003798
 35 R-PLACE1003783//ESTs, Weakly similar to D2085.5 [C.elegans]//3.8e-38:199:97//Hs.115197:AA215757
 R-PLACE1003784//ESTs//3.7e-87:428:97//Hs.157985:AI366909
 R-PLACE1003795//Homo sapiens mRNA for KIAA0575 protein, complete cds//3.2e-36:236:88//Hs.153468:AB011147
 R-PLACE1003833//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]//8.5e-62:313:96//Hs.121020:AA526092
 40 R-PLACE1003850//ESTs//4.0e-67:351:96//Hs.159303:T91059
 R-PLACE1003858//ESTs//0.96:87:66//Hs.107112:AA679058
 R-nnnnnnnnnnnnn
 R-PLACE1003870//EST//2.9e-34:281:79//Hs.160895:AI365871
 45 R-nnnnnnnnnnnnn
 R-PLACE1003886//ESTs//6.7e-85:410:97//Hs.25129:W93595
 R-PLACE1003888//ESTs//0.0085:165:64//Hs.96739:AA441915
 R-PLACE1003900//EST//2.4e-05:129:69//Hs.127931:AA969259
 R-PLACE1003903//ESTs, Highly similar to CTP SYNTHASE [Homo sapiens]//1.5e-54:282:96//Hs.58553:AA100804
 50 R-PLACE1003915//EST//0.87:55:76//Hs.145930:AI275760
 R-PLACE1003923//ESTs//1.7e-89:456:95//Hs.14125:AA156236
 R-PLACE1003932//ESTs//3.0e-50:340:84//Hs.151208:AI126110
 R-PLACE1003936//EST//1.8e-08:208:65//Hs.162656:AA603567
 55 R-PLACE1003968//ESTs//7.4e-49:301:90//Hs.93850:AA115330
 R-PLACE1004104//ESTs//1.9e-46:254:94//Hs.96802:AA443231
 R-PLACE1004114//ESTs//1.2e-64:322:97//Hs.28928:AI052052
 R-PLACE1004118//ESTs//1.0e-83:404:98//Hs.112764:AA609770

EP 1 074 617 A2

R-PLACE1004128//ESTs//5.3e-80:415:95//Hs.11835:AA040244
R-PLACE1004149//ESTs//7.2e-25:331:72//Hs.141084:H11714
R-PLACE1004156//Homo sapiens PYRIN (MEFV) mRNA, complete cds//2.0e-56:491:76//Hs.113283:AF018080
R-PLACE1004161//ESTs//2.0e-59:355:88//Hs.13830:AA918601
5 R-PLACE1004183//Homo sapiens cytochrome c oxidase assembly protein COX11(COX11) mRNA, complete cds//
4.7e-78:434:91//Hs.153504:AF044321
R-PLACE1004197
R-PLACE1004203//Homo sapiens GPI-anchored membrane protein CDw108 precursor, mRNA, complete cds//
1.5e-105:501:98//Hs.24640:AF069493
10 R-PLACE1004242//ESTs//1.0e-71:364:87//Hs.138632:H97952
R-PLACE1004256//EST//0.0011:347:61//Hs.131385:AI022630
R-PLACE1004257//EST//0.027:99:71//Hs.97587:AA398209
R-PLACE1004258//KERATIN, TYPE I CYTOSKELETAL 14//0.72:180:63//Hs.117729:100124
R-PLACE1004270//ESTs//0.011:264:59//Hs.110044:AA181800
15 R-PLACE1004274//Human retinoic acid receptor-beta associated open reading frame, complete sequence//0.28:
121:66//Hs.1938:S82362
R-PLACE1004277//Homo sapiens two pore domain K⁺ channel (TASK-2) mRNA, complete cds//1.4e-107:581:
91//Hs.127007:AF084830
R-PLACE1004284//ESTs//5.0e-22:187:82//Hs.23141:W92114
20 R-PLACE1004289//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//2.9e-28:
279:77//Hs.38687:AA744496
R-PLACE1004302//ESTs, Weakly similar to SOF1 PROTEIN [Saccharomyces cerevisiae]//8.2e-61:313:95//Hs.
71435:AI253099
R-PLACE1004316//H.sapiens mRNA for apoptosis specific protein//6.0e-115:590:94//Hs.11171:Y11588
25 R-PLACE1004336//Cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 2//6.7e-69:572:
77//Hs.1361:M55053
R-PLACE1004358//Homo sapiens connector enhancer of KSR-like protein CNK1 mRNA, complete cds//7.7e-72:
379:93//Hs.16232:AF100153
R-PLACE1004376//ESTs//0.49:362:59//Hs.138086:AI056309
30 R-PLACE1004384//EST//1.0:47:76//Hs.128546:AA905556
R-PLACE1004388//ESTs, Weakly similar to contains similarity to ATP/GTP-binding site motif [C.elegans]//1.3e-
98:572:90//Hs.14202:N46000
R-PLACE1004405//ESTs//3.4e-99:507:95//Hs.28792:AI343467
R-PLACE1004425//ESTs//2.7e-85:442:95//Hs.12544:N53665
35 R-PLACE1004428//ESTs//1.0e-07:114:78//Hs.140225:AA704101
R-PLACE1004437//Human NAD⁺-specific isocitrate dehydrogenase beta subunit precursor, mRNA, nuclear gene
encoding mitochondrial protein, complete cds//9.4e-90:516:88//Hs.155410:U49283
R-PLACE1004451
R-PLACE1004460//ESTs//5.4e-14:338:64//Hs.97464:AA662980
40 R-PLACE1004467//ESTs//3.3e-85:467:92//Hs.9527:W52721
R-PLACE1004471//ESTs//3.0e-73:389:94//Hs.23240:R46578
R-PLACE1004473//ESTs, Weakly similar to F20D1.2 [C.elegans]//3.8e-101:510:95//Hs.16986:W89194
R-PLACE1004491//Human mitochondrial 1,25-dihydroxyvitamin D3 24-hydroxylase mRNA, complete cds//0.23:
278:61//Hs.89663:L13286
45 R-PLACE1004506//ESTs//2.5e-98:559:90//Hs.19447:AI057117
R-PLACE1004510//ESTs//1.5e-91:436:98//Hs.24846:AI420493
R-PLACE1004516//EST//1.7e-66:344:96//Hs.99303:AA453164
R-PLACE1004518//ESTs//5.2e-79:410:94//Hs.27091:AA436553
R-PLACE1004548//Homo sapiens mRNA for small GTP-binding protein, complete cds//1.8e-40:332:72//Hs.
50 115325:084488
R-PLACE1004550
R-PLACE1004564//ESTs//5.5e-76:367:98//Hs.49683:AA564742
R-PLACE1004629//ESTs, Weakly similar to OS-9 precursor [H.sapiens]//8.1e-40:272:87//Hs.7100:W07181
R-PLACE1004645//ESTs//6.3e-14:83:100//Hs.17270:AA701903
55 R-PLACE1004646//ESTs//3.7e-22:231:76//Hs.141250:N29734
R-PLACE1004658//ESTs//2.0e-12:109:84//Hs.23508:AA101113
R-nnnnnnnnnnn//Homo sapiens mRNA for KIAA0714 protein, partial cds//7.8e-23:129:99//Hs.123129:AB018257
R-PLACE1004672//ESTs//2.0e-50:256:98//Hs.136367:AI144254

- R-PLACE1004674//Homo sapiens calcium binding protein (ALG-2) mRNA, complete cds//L8e-90:510:91//Hs.80019:AF035606
R-PLACE1004681//EST//2.1e-08:283:62//Hs.99543:AA461482
R-PLACE1004686
5 R-PLACE1004691//EST//7.3e-42:305:82//Hs.141833:AA021552
R-PLACE1004693//ESTs//0.014:135:64//Hs.145333:AI251374
R-PLACE1004716//ESTs, Weakly similar to No definition line found [C.elegans]//3.4e-80:413:94//Hs.23528:AI279571
R-PLACE1004722//EST//0.14:165:63//Hs.18213:T97997
10 R-PLACE1004736//ESTs//1.0e-72:385:94//Hs.10657:N6391
R-PLACE1004740//ESTs//1.0:267:58//Hs.101661:AA416619
R-nnnnnnnnnnnn//EST//0.45:94:69//Hs.147174:AI192195
R-PLACE1004751//EST//9.8e-32:174:83//Hs.147901:AI223374
R-PLACE1004773//Homo sapiens inversin protein mRNA, complete cds//2.7e-89:437:96//Hs.104715:AF084367
15 R-PLACE1004777//ESTs//7.4e-68:351:94//Hs.23395:AA398548
R-PLACE1004793//ESTs//1.3e-53:290:78//Hs.142375:AA398619
R-nnnnnnnnnnnn//Homo sapiens mRNA for KIAA0606 protein, partial cds//1.9e-99:580:88//Hs.38176:AB011178
R-PLACE1004813//ESTs//7.6e-86:433:96//Hs.85640:AA535856
R-PLACE1004814//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds//1.1e-
20 108:358:99//Hs.3688:AF069250
R-PLACE1004815//EST//4.7e-50:333:84//Hs.142196:AA258356
R-PLACE1004824//Protein kinase, interferon-inducible double stranded RNA dependent//4.8e-46:450:76//Hs.73821:M35663
R-PLACE1004827//ESTs//2.3e-48:250:96//Hs.138766:AA342185
25 R-PLACE1004836//ESTs//2.7e-39:222:94//Hs.78661:AA195299
R-PLACE1004838//EST//0.056:198:60//Hs.129589:AA995901
R-PLACE1004840//ESTs, Highly similar to TRANSCRIPTIONAL ACTIVATOR GCN5 [Saccharomyces cerevisiae]//6.5e-71:381:93//Hs.8383:AA013272
R-PLACE1004868//ESTs//4.9e-70:367:94//Hs.100895:AA479308
30 R-PLACE1004885//Homo sapiens protein phosphatase with EF-hands-2 long form (PPEF-2) mRNA, complete cds//1.8e-37:330:78//Hs.113259:AF023456
R-PLACE1004900//EST//1.2e-46:306:86//Hs.149580:AI211881
R-PLACE1004902//Sucrase-isomaltase//0.87:254:61//Hs.2996:X63597
R-nnnnnnnnnnnn//ESTs//4.5e-75:375:96//Hs.91115:AI221563
35 R-PLACE1004918//ESTs//2.6e-103:519:95//Hs.143607:AI424948
R-PLACE1004930//Homo sapiens TNF-induced protein GG2-1 mRNA, complete cds//6.6e-102:532:93//Hs.17839:AF099936
R-PLACE1004934//EST//0.035:156:67//Hs.162071:AA478980
R-PLACE1004937//ESTs, Weakly similar to F55B12.3 [C.elegans]//6.4e-80:409:95//Hs.31945:AA702166
40 R-PLACE1004969//ESTs//9.8e-18:101:99//Hs.112837:N78013
R-PLACE1004972//ESTs//1.3e-65:337:95//Hs.75798:H29106
R-PLACE1004979//EST//1.2e-96:475:96//Hs.120158:AA708789
R-PLACE1004982//ESTs//1.0e-98:471:98//Hs.106496:AI291776
R-PLACE1004985//ESTs//2.1e-88:456:93//Hs.135050:AI420335
45 R-PLACE1005026
R-PLACE1005027//ESTs, Weakly similar to N-methyl-D-aspartate receptor glutamate-binding chain [R.norvegicus]//0.72:145:66//Hs.11215:N56719
R-PLACE1005046//Homo sapiens mRNA for KIAA0575 protein, complete cds//5.3e-66:297:88//Hs.153468:AB011147
50 R-PLACE1005052//ESTs, Weakly similar to weak similarity to rat cytosolic acyl coenzyme A thioester hydrolase [C.elegans]//1.2e-106:543:95//Hs.18625:AI074605
R-PLACE1005066//ESTs//3.9e-92:459:96//Hs.62684:AA806103
R-PLACE1005077//Human triadin mRNA, complete cds//1.8e-05:121:69//Hs.68731:U18985
R-PLACE1005085//Homo sapiens PYRIN (MEFV) mRNA, complete cds//6.6e-49:314:74//Hs.113283:AF018080
55 R-PLACE1005086//ESTs//1.2e-73:379:94//Hs.110128:AA584364
R-PLACE1005101//Homo sapiens (clone zap128) mRNA, 3' end of cds//8.0e-99:531:92//Hs.75437:L40401
R-PLACE1005102//ESTs//7.2e-68:493:84//Hs.10593:AI201336
R-PLACE1005108//Human DNA fragmentation factor-45 mRNA, complete cds//9.2e-40:232:82//Hs.155344:

U91985

R-PLACE1005111//EST//8.1e-10:189:68//Hs.136356:AA493225
 R-PLACE1005128//ESTs//1.4e-78:501:87//Hs.15093:AA203423
 R-PLACE1005146//ESTs//4.8e-93:460:97//Hs.37896:AA777349
 5 R-PLACE1005162//ESTs//7.5e-51:277:95//Hs.28838:AI089013
 R-nnnnnnnnnnnn//ESTs//5.4e-75:366:97//Hs.48119:AA454227
 R-PLACE1005181//EST//0.012:172:66//Hs.147107:AI190589
 R-PLACE1005187//ESTs//5.6e-72:363:95//Hs.16577:AI022830
 R-PLACE1005206//ESTs//5.3e-48:203:88//Hs.31792:H45211
 10 R-PLACE1005232//ESTs//5.1e-41:287:84//Hs.138552:R99532
 R-PLACE1005243//ESTs//1.1e-48:348:83//Hs.113310:R16767
 R-PLACE1005261//ESTs//0.19:175:62//Hs.124337:AA829524
 R-PLACE1005266//ESTs//1.9e-22:388:66//Hs.124146:AA699633
 R-PLACE1005277//ESTs//1.5e-29:314:72//Hs.163710:AA024516
 15 R-PLACE1005287//ESTs//3.6e-95:456:98//Hs.49282:AA970322
 R-PLACE1005305//ESTs//9.9e-71:428:88//Hs.144855:AI197937
 R-PLACE1005308//ESTs//3.8e-32:173:96//Hs.58239:AA215797
 R-PLACE1005313//ESTs//5.2e-74:409:93//Hs.33368:AA206614
 R-PLACE1005327//Chromosome 1 specific transcript KIAA0491//1.7e-104:537:94//Hs.136309:AB007960
 20 R-PLACE1005331//ESTs//2.1e-91:487:93//Hs.9291:AI189343
 R-PLACE1005335//ESTs, Weakly similar to F23B2.4 [C.elegans]//3.8e-90:442:97//Hs.70202:AA732975
 R-PLACE1005373//ESTs//8.0e-93:526:91//Hs.98541:N38901
 R-PLACE1005374//Homo sapiens KIAA0395 mRNA, partial cds//3.3e-44:344:80//Hs.43681:AL022394
 R-PLACE1005409//EST//0.43:174:59//Hs.162077:AA479978
 25 R-PLACE1005453//EST//7.9e-57:330:90//Hs.162306:AA555304
 R-PLACE1005467//ESTs//2.2e-42:294:84//Hs.142257:AA188423
 R-PLACE1005471//Human Line-1 repeat mRNA with 2 open reading frames//2.3e-88:561:86//Hs.23094:M19503
 R-PLACE1005477//Human methionine aminopeptidase mRNA, complete cds//6.9e-80:549:83//Hs.78935:U29607
 R-PLACE1005480//EST//0.99:39:82//Hs.157275:AI364046
 30 R-PLACE1005481//EST//1.5e-31:281:79//Hs.132635:AI032875
 R-PLACE1005494//Homo sapiens mRNA for semaphorin E, complete cds//0.036:319:59//Hs.62705:AB000220
 R-PLACE1005502//Homo sapiens formin binding protein 21 mRNA, complete cds//5.4e-57:277:98//Hs.28307:
 AF071185
 R-PLACE1005526//ESTs//2.5e-30:233:83//Hs.119304:AA443325
 35 R-PLACE1005528//Homo sapiens mRNA for cartilage-associated protein (CASP)//8.9e-20:321:69//Hs.155481:
 AJ006470
 R-PLACE1005530//ESTs//3.7e-81:438:92//Hs.103380:AI291325
 R-PLACE1005550//ESTs, Highly similar to HYPOTHETICAL 40.2 KD PROTEIN K12H4.3 IN CHROMOSOME III
 [Caenorhabditis elegans]//5.2e-95:458:98//Hs.38114:N62927
 40 R-PLACE1005554//ESTs//8.8e-36:267:86//Hs.98288:AA203555
 R-PLACE1005557//ESTs, Highly similar to MITOCHONDRIAL 60S RIBOSOMAL PROTEIN L2 PRECURSOR
 [Saccharomyces cerevisiae]//2.2e-64:345:94//Hs.7736:W81261
 R-PLACE1005574//ESTs//2.3e-27:231:83//Hs.117771:R99835
 R-PLACE1005584//ESTs//1.6e-36:188:98//Hs.152050:AA724612
 45 R-PLACE1005595//ESTs//1.6e-91:453:96//Hs.85079:AI276023
 R-PLACE1005603//ESTs//8.2e-99:533:93//Hs.96357:AI026927
 R-PLACE1005611//ESTs//5.2e-28:183:89//Hs.24941:AA261857
 R-PLACE1005623//ESTs//1.4e-102:505:96//Hs.58382:AA808964
 R-PLACE1005630
 50 R-PLACE1005639//ESTs//1.4e-51:256:98//Hs.1975:W72452
 R-PLACE1005646//Homo sapiens RNA helicase-related protein mRNA, complete cds//1.0e-111:585:93//Hs.8765:
 AF083255
 R-PLACE1005656//ESTs//2.7e-88:469:92//Hs.164054:AA528169
 R-PLACE1005666//Homo sapiens X-ray repair cross-complementing protein 2 (XRCC2) mRNA, complete cds//
 55 3.3e-24:401:66//Hs.129727:AF035587
 R-PLACE1005698//ESTs//0.00013:82:79//Hs.116331:AA629355
 R-PLACE1005727//EST//0.15:206:63//Hs.105002:AA449332
 R-PLACE1005730//EST//0.0014:129:70//Hs.127931:AA969259

R-PLACE1005739//ESTs, Moderately similar to unknown intracellular protein [M.musculus]//1.3e-42:236:94//Hs.23889:AI341137
 R-PLACE1005755//ESTs//2.8e-32:308:80//Hs.159821:AA524070
 R-PLACE1005763//Human mRNA for KIAA0118 gene, partial cds//3.3e-47:268:87//Hs.154326:D42087
 5 R-PLACE1005799//ESTs, Highly similar to HYPOTHETICAL 68.7 KD PROTEIN ZK757.1 IN CHROMOSOME III [Caenorhabditis elegans]//7.7e-15:88:98//Hs.109857:AA088385
 R-PLACE1005802//ESTs//2.8e-19:208:76//Hs.9271:W30941
 R-PLACE1005803//ESTs//2.6e-75:417:92//Hs.71414:AA131327
 R-PLACE1005804//EST//6.5e-20:182:70//Hs.149844:AI287693
 10 R-PLACE1005828//ESTs//3.0e-15:194:77//Hs.106236:N50058
 R-PLACE1005834//Retinoblastoma 1 (including osteosarcoma)//0.040:435:58//Hs.75770:L41870
 R-PLACE1005845//EST//5.0e-61:294:99//Hs.133202:AI050965
 R-PLACE1005850//ESTs//3.4e-82:425:96//Hs.7966:AI203471
 R-PLACE1005851//ESTs//2.9e-21:165:84//Hs.23607:N98305
 15 R-PLACE1005876//ESTs//0.48:296:57//Hs.39140:AI041842
 R-PLACE1005884//ESTs//0.0027:177:66//Hs.150295:AA570558
 R-PLACE1005898//ESTs//1.7e-98:467:98//Hs.159475:AI339981
 R-PLACE1005921//ESTs//5.8e-96:480:95//Hs.30822:AA885501
 R-PLACE1005923//ESTs//1.8e-66:333:96//Hs.150890:AI341793
 20 R-PLACE1005925//Human Line-1 repeat mRNA with 2 open reading frames//2.8e-27:382:70//Hs.23094:M19503
 R-PLACE1005932//ESTs, Moderately similar to MNK1 [H.sapiens]//1.1e-70:377:93//Hs.5662:AA868361
 R-PLACE1005934//ESTs//1.0e-42:251:91//Hs.25092:AA922142
 R-PLACE1005936//ESTs//1.2e-88:461:94//Hs.94125:N62913
 R-PLACE1005951//ESTs//1.4e-83:533:86//Hs.21148:AI183729
 25 R-PLACE1005953
 R-PLACE1005955//ESTs, Highly similar to HYPOTHETICAL 54.2 KD PROTEIN-IN CDC12-ORC6 INTERGENIC REGION [Saccharomyces cerevisiae]//2.2e-83:494:88//Hs.108117:AI097079
 R-PLACE1005966//ESTs//1.1e-95:465:97//Hs.98510:AI016239
 R-PLACE1005968//EST//0.26:103:66//Hs.161300:AI420897
 30 R-PLACE1005990
 R-PLACE1006002//Human mRNA for KIAA0355 gene, complete cds//2.0e-45:481:74//Hs.153014:AB002353
 R-PLACE1006003//ESTs, Highly similar to HYPOTHETICAL 30.3 KD PROTEIN IN APE1/LAP4-CWP1 INTERGENIC REGION [Saccharomyces cerevisiae]//3.1e-112:593:93//Hs.111449:AI192946
 R-PLACE1006011//ESTs, Moderately similar to NAD(+) ADP-RIBOSYLTRANSFERASE [D.melanogaster]//5.7e-100:596:88//Hs.24284:AA595596
 35 R-PLACE1006017//ESTs//4.2e-18:296:68//Hs.133350:AI056276
 R-PLACE1006037//ESTs, Weakly similar to T23D8.3 [C.elegans]//4.1e-102:491:98//Hs.61164:AI096332
 R-PLACE1006040//ESTs//1.2e-92:443:98//Hs.111680:N93765
 R-PLACE1006076//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]//2.0e-26:213:77//Hs.139007:H74314
 40 R-PLACE1006119//ESTs//0.14:257:61//Hs.113149:AA908904
 R-PLACE1006129//ESTs//3.8e-54:285:97//Hs.18827:W68002
 R-PLACE1006139//ESTs, Highly similar to HYPOTHETICAL 52.9 KD PROTEIN IN SAP155-YMR31 INTERGENIC REGION [Saccharomyces cerevisiae]//2.6e-99:560:91//Hs.5249:U55977
 45 R-PLACE1006143//Amylo-1,6-glucosidase, 4-alpha-glucanotransferase (glycogen debranching enzyme, glycogen storage disease type III)//0.038:463:59//Hs.904:U84010
 R-PLACE1006157//ESTs//0.014:341:58//Hs.121773:AI357886
 R-PLACE1006159//EST//0.00036:247:61//Hs.140054:AA668925
 R-PLACE1006164//ESTs//2.6e-31:362:73//Hs.141024:H07128
 50 R-PLACE1006167//Homo sapiens chromosome 19, cosmid F23149//5.8e-54:286:94//Hs.152894:AC005239
 R-nnnnnnnnnnnn//ESTs, Highly similar to ALPHA-ADAPTIN [Rattus norvegicus]//2.7e-79:393:96//Hs.19121:AI125280
 R-PLACE1006187//Homo sapiens cyclin E2 mRNA, complete cds//5.1e-118:597:95//Hs.30464:AF091433
 R-PLACE1006195//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//6.8e-94:532:91//Hs.105216:AI361807
 55 R-PLACE1006196//ESTs//3.2e-66:382:90//Hs.18665:T99507
 R-PLACE1005205//EST//1.7e-89:448:96//Hs.116665:AA669114
 R-PLACE1006223//Human RNaseP protein p38 (RPP38) mRNA, complete cds//0.90:304:58//Hs.94986:U77664

EP 1 074 617 A2

R-PLACE1006225//ESTs//7.2e-96:474:97//Hs.91165:AI079555
 R-PLACE1006236//ESTs//8.8e-105:535:95//Hs.7919:AI341472
 R-nnnnnnnnnnnn//Homo sapiens BAC clone RG118D07 from 7q31//3.2e-99:497:95//Hs.3781:AC004142
 R-PLACE1006246//ESTs, Weakly similar to CMP-sialic acid transporter [M.musculus]//1.3e-104:532:95//Hs.
 5 41151:AI301961
 R-PLACE1006248//Homo sapiens mRNA for KIAA0648 protein, partial cds//3.0e-97:499:95//Hs.31921:AB014548
 R-PLACE1006262//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]//1.6e-
 07:321:62//Hs.53057:W67839
 R-PLACE1006288//Voltage-dependent anion channel 1//3.8e-100:605:88//Hs.2060:L06132
 10 R-PLACE1006318//ESTs//2.4e-102:536:94//Hs.8109:AA005265
 R-PLACE1006325//ESTs//5.2e-105:518:96//Hs.102319:AI246503
 R-PLACE1006335//ESTs//5.1e-45:254:93//Hs.153585:R70900
 R-PLACE1006357//EST//6.5e-09:309:62//Hs.132493:AA923168
 R-PLACE1006360//Human mRNA for KIAA0090 gene, partial cds//0.0097:381:58//Hs.154797:D42044
 15 R-PLACE1006368//ESTs//7.9e-85:412:97//Hs.150587:AI079284
 R-PLACE1006371//ESTs//7.7e-74:442:88//Hs.143671:W61053
 R-PLACE1006382
 R-PLACE1006385//ESTs//5.3e-06:346:61//Hs.163706:AA515748
 R-PLACE1006412//EST//7.7e-46:306:86//Hs.149580:AI281881
 20 R-PLACE1006414//Homo sapiens UM protein mRNA, complete cds//4.1e-43:551:69//Hs.154103:AF061258
 R-PLACE1006438//ESTs//1.1e-77:284:86//Hs.24545:AI278629
 R-PLACE1006445//ESTs//4.4e-53:259:99//Hs.24481:AA573139
 R-PLACE1006469//ESTs//9.4e-102:482:98//Hs.7218:AA936961
 R-PLACE1006470//ESTs//1.0:271:57//Hs.144517:AA938297
 25 R-PLACE1006482//ESTs//4.0e-61:354:92//Hs.51305:T47418
 R-PLACE1006492//EST//1.8e-09:48:91//Hs.144451:AA827722
 R-PLACE1006506//ESTs//0.012:161:61//Hs.145333:AI251374
 R-PLACE1006521//Human mRNA for KIAA0013 gene, complete cds//2.1e-15:415:63//Hs.48824:D87717
 R-PLACE1006531//ESTs//5.6e-31:213:87//Hs.125153:AA453723
 30 R-PLACE1006534//ESTs//6.5e-101:512:95//Hs.27763:W46368
 R-PLACE1006540//ESTs//7.3e-40:320:79//Hs.121659:H02532
 R-PLACE1006552//EST//0.38:418:56//Hs.140470:AA765214
 R-PLACE1006598//ESTs//4.0e-80:409:95//Hs.142868:AI128443
 R-PLACE1006615//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds//
 35 9.3e-118:590:95//Hs.155377:U97670
 R-PLACE1006617//ESTs//8.1e-31:246:83//Hs.139128:AA205322
 R-PLACE1006626//ESTs//0.90:98:68//Hs.96322:AA541615
 R-PLACE1006629//Human mRNA for KIAA0386 gene, complete cds//5.3e-33:315:78//Hs.101359:AB002384
 R-PLACE1006640//ESTs//3.7e-26:137:100//Hs.32672:W16522
 40 R-PLACE1006673//Interleukin 10//8.4e-47:330:83//Hs.2180:M57627
 R-PLACE1006678//ESTs//1.1e-13:87:98//Hs.34035:D87736
 R-PLACE1006704//ESTs//2.6e-65:394:89//Hs.30582:D12214
 R-PLACE1006731//Homo sapiens clone 23923 mRNA sequence//1.9e-102:486:98//Hs.12472:AF038172
 R-PLACE1006754//EST//1.0e-61:381:89//Hs.14727:T83861
 45 R-PLACE1006760//Homo sapiens clone 24800 mRNA sequence//3.8e-73:394:93//Hs.7252:AF070622
 R-PLACE1006779//ESTs//1.4e-69:405:90//Hs.136235:AA262658
 R-PLACE1006782//EST//1.8e-25:197:86//Hs.137257:N33234
 R-PLACE1006792//ESTs//1.8e-43:317:84//Hs.139190:N55515
 R-PLACE1006795//ESTs//6.4e-68:350:95//Hs.11092:AA916335
 50 R-PLACE1006800//ESTs//1.9e-55:268:100//Hs.126695:AA917989
 R-PLACE1006805//ESTs//6.6e-91:484:93//Hs.94262:AA768847
 R-PLACE1006815//ESTs//2.1e-49:364:83//Hs.142031:AA809159
 R-PLACE1006819//ESTs, Highly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG [Homo sapiens]//
 1.0e-87:481:92//Hs.141263:H64113
 55 R-PLACE1006829//ESTs//5.7e-43:332:83//Hs.19906:AA456933
 R-PLACE1006860//ESTs//0.96:138:63//Hs.136649:AA-828359
 R-PLACE1006867//ESTs//1.4e-98:478:97//Hs.10299:N35008
 R-PLACE1006878//EST//8.4e-48:243:97//Hs.54970:N93536

R-PLACE1006883//EST//3.1e-46:300:88//Hs.162404:AA573131
 R-nnnnnnnnnnnn//ESTs//3.0e-95:496:94//Hs.47546:AA181348
 R-PLACE1006904//ESTs//5.8e-18:304:68//Hs.125816:AA806089
 R-PLACE1006917//Endothelin receptor type B//0.00012:451:60//Hs.82002:D13168
 5 R-PLACE1006932//ESTs//4.6e-56:285:96//Hs.114727:AI379514
 R-PLACE1006935//ESTs//3.6e-12:157:73//Hs.161714:AA229078
 R-nnnnnnnnnnnn//Human mRNA for KIAA0201 gene, complete cds//3.2e-25:494:63//Hs.36927:D86956
 R-PLACE1006961//Tyrosine aminotransferase//2.5e-46:471:74//Hs.2999:X52520
 R-PLACE1006962//ESTs, Moderately similar to plakophilin 2b [H.sapiens]//9.0e-29:324:68//Hs.154257:AI275982
 10 R-PLACE1006966//ESTs//4.5e-99:470:99//Hs.46913:AI017636
 R-PLACE1006989//ESTs//2.2e-68:353:97//Hs.14394:R61257
 R-PLACE1007014//ESTs//3.4e-86:457:94//Hs.129819:AA838366
 R-PLACE1007021//ESTs//1.6e-93:539:90//Hs.7111:U55971
 R-PLACE1007045//Human Line-1 repeat mRNA with 2 open reading frames//6.6e-83:584:82//Hs.23094:M19503
 15 R-PLACE1007053//ESTs//4.2e-85:550:88//Hs.7984:AI202575
 R-PLACE1007097//ESTs//6.4e-78:493:86//Hs.56406:N91027
 R-PLACE1007105//ESTs//5.3e-70:381:91//Hs.22605:N74202
 R-PLACE1007111//ESTs//8.6e-75:358:99//Hs.145629:AA398646
 R-PLACE1007112//ESTs//6.9e-69:371:94//Hs.71922:AA148417
 20 R-PLACE1007132//ESTs//1.2e-36:373:69//Hs.10762:W28948
 R-PLACE1007140//ESTs//1.7e-70:360:96//Hs.56179:W56794
 R-PLACE1007178//EST//0.68:85:65//Hs.147010:AI184765
 R-PLACE1007226//ESTs//3.1e-78:452:90//Hs.8033:N94998
 R-PLACE1007238//ESTs//5.2e-70:362:95//Hs.85636:AA740619
 25 R-PLACE1007239//Human mRNA for transcription elongation factor S-II, hS-II-T1, complete cds//6.3e-93:534:89//Hs.80598:D50495
 R-PLACE1007242//ESTs//1.2e-80:390:98//Hs.117325:AA699450
 R-PLACE1007243//ESTs, Weakly similar to transporter protein [H. sapiens]//3.7e-73:357:98//Hs.18272:N78499
 R-PLACE1007257//Homo sapiens mRNA for dia-156 protein//4.3e-85:487:91//Hs.121556:Y15909
 30 R-PLACE1007274//ESTs//4.3e-79:430:93//Hs.146023:AI275071
 R-PLACE1007276//ESTs//1.5e-33:338:74//Hs.142850:R38419
 R-PLACE1007282//ESTs//4.8e-98:532:93//Hs.10071:AA100812
 R-PLACE1007286//Human mRNA for KIAA0118 gene, partial cds//2.9e-50:518:74//Hs.154326:D42087
 R-PLACE1007301
 35 R-PLACE1007317
 R-PLACE1007342
 R-PLACE1007346//Homo sapiens estrogen-responsive B box protein (EBBP) mRNA, complete cds//1.2e-66:367:91//Hs.76596:AF096870
 R-PLACE1007367//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//2.2e-98:488:96//Hs.24359:AA699594
 40 R-PLACE1007375//ESTs//2.3e-67:375:92//Hs.33368:AA206614
 R-PLACE1007386//ESTs//0.020:242:62//Hs.42768:AI129945
 R-PLACE1007402//ESTs//1.6e-91:441:97//Hs.26243:AA455877
 R-PLACE1007409//Homo sapiens mitoxantrone resistance protein 1 mRNA, partial sequence//2.4e-113:590:94//Hs.14387:AF093771
 45 R-PLACE1007416//ESTs, Weakly similar to DIPEPTIDYL PEPTIDASE IV [H.sapiens]//3.8e-115:579:95//Hs.72165:AI243857
 R-PLACE1007450//Human macrophage-derived chemokine precursor (MDC) mRNA, complete cds//2.7e-38:311:80//Hs.97203:U83171
 50 R-PLACE1007452//EST//2.5e-42:386:77//Hs.140562:AA826514
 R-PLACE1007460//ESTs//4.9e-87:434:95//Hs.28472:AI028230
 R-PLACE1007478
 R-PLACE1007484//ESTs//6.8e-08:64:92//Hs.100251:AA535975
 R-PLACE1007488//Dystrophin (muscular dystrophy, Duchenne and Becker types), includes DXS142, DXS164, DXS206, DXS230, DXS239, DXS268, DXS269, DXS270, DXS272//0.26:411:60//Hs.79012:M18533
 55 R-PLACE1007507//ESTs//2.2e-11:136:76//Hs.128815:AA678072
 R-PLACE1007511//ESTs, Highly similar to KERATIN, TYPE I CYTOSKELETAL 14 [Homo sapiens]//1.5e-41:261:89//Hs.9029:W57657

EP 1 074 617 A2

R-PLACE1007524//ESTs//5.8e-45:297:87//Hs.154923:AA491377
 R-PLACE1007525//Human mRNA for KIAA0118 gene, partial cds//1.9e-44:422:75//Hs.154326:D42087
 R-PLACE1007544//ESTs//8.4e-59:327:93//Hs.27410:N25612
 R-PLACE1007547//EST//0.00010:107:71//Hs.146867:AI161404
 5 R-PLACE1007557//ESTs//1.6e-43:356:79//Hs.44702:AI148840
 R-PLACE1007583//ESTs//1.7e-41:214:97//Hs.155071:AA584257
 R-PLACE1007598//Homo sapiens clone 23939 mRNA sequence//4.8e-104:554:93//Hs.21838:AF038179
 R-PLACE1007618//Lymphocyte cytosolic protein 1 (L-plastin)//0.54:161:65//Hs.76506:J02923
 R-PLACE1007621//Homo sapiens clone 23859 mRNA sequence//4.8e-105:537:94//Hs.151046:AF038176
 10 R-PLACE1007632
 R-PLACE1007645//ESTs//0.99:187:62//Hs.163453:AI344106
 R-PLACE1007649//ESTs//2.2e-108:561:94//Hs.24398:AI262946
 R-PLACE1007677//ESTs, Moderately similar to !!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!! [H.sapiens]//
 9.0e-37:190:97//Hs.23437:AA707331
 15 R-PLACE1007688//ESTs//7.5e-79:409:95//Hs.6166:AI376944
 R-PLACE1007690//ESTs, Weakly similar to NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 [Ascaris suum]
 //3.4e-61:384:89//Hs.92918:AA133274
 R-PLACE1007697//ESTs, Highly similar to GCN20 PROTEIN [Saccharomyces cerevisiae]//1.8e-84:501:88//Hs.
 91251:U66685
 20 R-PLACE1007705//Human mRNA for apolipoprotein E receptor 2, complete cds//0.43:307:59//Hs.54481:D86407
 R-PLACE1007706//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds//5.7e-75:374:96//Hs.4812:
 AF061243
 R-PLACE1007725//ESTs, Weakly similar to No definition line found [C.elegans]//3.1e-39:253:88//Hs.108797:
 AA476815
 25 R-PLACE1007729//ESTs//2.7e-44:392:79//Hs.142375:AA398619
 R-PLACE1007730//Homo sapiens mRNA for KIAA0685 protein, complete cds//6.7e-94:556:89//Hs.153121:
 AB014585
 R-PLACE1007737//ESTs//1.1e-41:345:80//Hs.114671:N39322
 R-PLACE1007743//ESTs//2.8e-17:98:100//Hs.124258:AA976778
 30 R-PLACE1007746//ESTs//5.3e-69:413:90//Hs.5297:AA156903
 R-PLACE1007791//ESTs, Weakly similar to TEICHOIC ACID BIOSYNTHESIS PROTEIN A [Bacillus subtilis]//
 8.6e-27:143:98//Hs.144194:AA706337
 R-PLACE1007807//Human Line-1 repeat mRNA with 2 open reading frames//9.9e-45:428:76//Hs.23094:M 9503
 R-PLACE1007810//ESTs//5.9e-15:143:82//Hs.126257:AI279044
 35 R-PLACE1007829//ESTs//2.2e-22:190:84//Hs.142707:W24050
 R-PLACE1007843//ESTs//5.3e-110:556:95//Hs.107287:AI308839
 R-PLACE1007846//Human Line-1 repeat mRNA with 2 open reading frames//1.7e-95:525:91//Hs.23094:M19503
 R-PLACE1007852//ESTs//4.5e-14:174:75//Hs.153419:N52017
 R-PLACE1007858//Homo sapiens mRNA for KIAA0766 protein, complete cds//2.1e-111:574:94//Hs.28020:
 40 AB018309
 R-PLACE1007866//EST//1.8e-48:262:96//Hs.141009:H01178
 R-PLACE1007877//ESTs//1.2e-94:478:96//Hs.5999:AI207832
 R-PLACE1007897//ESTs//2.3e-92:437:99//Hs.122843:AI189060
 R-PLACE1007908//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//2.8e-89:460:95//Hs.
 45 92381:AB007956
 R-PLACE1007946//ESTs//2.8e-28:172:78//Hs.126784:AA521510
 R-PLACE1007954//ESTs//6.1e-72:366:95//Hs.27842:AI217966
 R-PLACE1007955//Homo sapiens cyclin-D binding Myb-like protein mRNA, complete cds//3.9e-103:509:96//Hs.
 5671:AF084530
 50 R-PLACE1007958//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds//7.2e-89:
 465:93//Hs.78106:AF079529
 R-PLACE1007969//ESTs, Weakly similar to F35C12.2 [C.elegans]//1.4e-113:534:99//Hs.44268:AA455900
 R-PLACE1007990//ESTs, Highly similar to DOSAGE COMPENSATION REGULATOR [Drosophila melanogaster]
 //3.8e-97:493:95//Hs.6141:U69564
 55 R-PLACE1008000//ESTs//0.00013:241:65//Hs.44369:AI206835
 R-PLACE1008002//ESTs//2.2e-83:397:98//Hs.28780:AI263612
 R-PLACE1008044//ESTs, Moderately similar to NUCLEAR PORE COMPLEX PROTEIN NUP107 [R.norvegicus]
 //2.0e-115:575:95//Hs.92395:AA779854

R-PLACE1008045//EST//2.6e-89:465:94//Hs.47374:N51935
 R-PLACE1008080//EST//0.27:118:65//Hs.144110:AI054269
 R-PLACE1008095//ESTs//5.5e-23:268:73//Hs.152525:AA516469
 R-PLACE1008111//ESTs, Weakly similar to oxidoreductase [H.sapiens]//4.4e-108:537:96//Hs.28877:AI309334
 5 R-PLACE1008122//ESTs//6.5e-103:531:94//Hs.34737:AI028617
 R-PLACE1008129//ESTs//0.76:96:66//Hs.65373:AA883511
 R-PLACE1008132//ESTs//5.9e-05:113:72//Hs.13014:W26381
 R-PLACE1008177//ESTs//7.2e-107:557:93//Hs.132851:AI028266
 R-PLACE1008181//ESTs//5.3e-97:473:97//Hs.57483:AA776267
 10 R-PLACE1008198//ESTs//3.9e-16:120:85//Hs.9142:AA662107
 R-nnnnnnnnnnnn//Homo sapiens mRNA for KIAA0530 protein, partial cds//1.6e-104:551:93//Hs.10801:AB011102
 R-PLACE1008209//ESTs//L2e-72:366:96//Hs.92308:AI052701
 R-PLACE1008231//ESTs//1.2e-70:363:94//Hs.25094:R80871
 R-PLACE1008244//ESTs//1.3e-98:543:92//Hs.25130:AA218990
 15 R-PLACE1008273//ESTs//6.1e-16:153:79//Hs.115987:AA483808
 R-nnnnnnnnnnnn
 R-PLACE1008280//ESTs//1.3e-66:353:94//Hs.156376:AI338705
 R-PLACE1008309//ESTs//2.8e-100:511:95//Hs.45080:N49852
 R-PLACE1008329//V-myc avian myelocytomatosis viral oncogene homolog//0.53:206:62//Hs.79070:K02276
 20 R-PLACE1008330//ESTs, Weakly similar to EOSINOPHIL LYSOPHOSPHOLIPASE [H.sapiens]//8.6e-79:297:91//
 Hs.146477:AI128445
 R-PLACE1008331//ESTs//0.98:156:62//Hs.108548:AA081656
 R-PLACE1008356//Homo sapiens mRNA for KIAA0679 protein, partial cds//2.1e-99:556:90//Hs.5734:AB014579
 R-PLACE1008368//EST//0.0027:198:63//Hs.160868:AI359052
 25 R-PLACE1008369//ESTs//5.4e-28:167:92//Hs.19530:AA480009
 R-PLACE1008392//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]//2.0e-
 41:448:72//Hs.139007:H74314
 R-PLACE1008398//ESTs, Highly similar to Mig-6//1.4e-103:529:94//Hs.11169:AA156242
 R-PLACE1008401//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.2e-81:
 30 536:87//Hs.7570:W31010
 R-nnnnnnnnnnnn//Homo sapiens mRNA for p115, complete cds//5.1e-103:521:95//Hs.7763:D86326
 R-PLACE1008405//ESTs//1.2e-89:485:92//Hs.138241:AA767440
 R-PLACE1008424//ESTs//6.7e-97:508:93//Hs.6709:AI379778
 R-PLACE1008426//ESTs//5.5e-30:174:92//Hs.7946:AA651757
 35 R-PLACE1008429//ESTs//2.1e-12:188:71//Hs.140769:AA931562
 R-PLACE1008437//ESTs//7.1e-54:266:98//Hs.13068:AA001928
 R-PLACE1008455//ESTs//4.7e-69:471:85//Hs.28337:AA210761
 R-PLACE1008457//EST//8.6e-14:202:71//Hs.149887:AI289387
 R-PLACE1008465//ESTs//3.8e-80:426:93//Hs.153146:AI299636
 40 R-PLACE1008488//ESTs//7.9e-73:388:94//Hs.97268:AA292180
 R-PLACE1008524//ESTs//7.4e-107:545:95//Hs.10441:N62816
 R-PLACE1008531//ESTs//3.8e-68:427:87//Hs.56607:H23560
 R-PLACE1008532
 R-PLACE1008533//ESTs//2.5e-52:318:88//Hs.7274:AA476850
 45 R-PLACE1008568//ESTs//3.2e-99:486:97//Hs.84414:AI423223
 R-PLACE1008584//EST//2.2e-18:154:68//Hs.141498:N50064
 R-PLACE1008621//ESTs, Weakly similar to line-1 protein ORF1 [H.sapiens]//8.6e-67:483:82//Hs.140416:
 AA778649
 R-nnnnnnnnnnnn
 50 R-PLACE1008626//ESTs//4.7e-73:372:95//Hs.23491:AA642454
 R-PLACE1008627//ESTs//1.6e-90:475:93//Hs.102401:AI004972
 R-PLACE1008629//ESTs//8.0e-93:492:93//Hs.20843:AA699512
 R-PLACE1008630//ESTs//1.0e-94:453:98//Hs.34840:AI279612
 R-PLACE1008643//Human mRNA for KIAA0355 gene, complete cds//2.8e-49:422:79//Hs.153014:AB002353
 55 R-PLACE10086507//Homo sapiens pleiotropic regulator 1 (PLRG1) mRNA, complete cds//7.9e-90:434:97//Hs.
 147967:AF044333
 R-PLACE1008693//ISLET AMYLOID POLYPEPTIDE PRECURSOR//1.8e-41:505:71//Hs.51048:X68830
 R-PLACE1008696//Cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 2//1.7e-51:316:

76//Hs.1361:M55053
R-PLACE1008715//EST//0.63:114:64//Hs.121353:AA758600
R-PLACE1008748//ESTs, Weakly similar to !!!! ALU CLASS B WARNING ENTRY !!!! [H.sapiens]//2.3e-40:281:
83//Hs.142209:AA873303
5 R-PLACE1008757//ESTs//1.4e-45:226:99//Hs.22822:H06408
R-PLACE1008790//ESTs//0.035:67:76//Hs.153554:AI286313
R-PLACE1008798//ESTs//4.9e-59:285:99//Hs.49018:N79930
R-PLACE1008807//ESTs//1.7e-82:413:96//Hs.130745:AA573217
R-PLACE1008808//Homo sapiens putative checkpoint control protein HRAD1 mRNA, complete cds//1.1e-98:499:
10 95//Hs.7179:AF011905
R-PLACE1008813//ESTs, Weakly similar to coded for by C. elegans cDNA cm10e3 [C.elegans]//4.2e-92:490:93//
Hs.110454:H11810
R-PLACE1008851//ESTs//2.4e-84:421:95//Hs.158893:AI378428
R-nnnnnnnnnnnnn
15 R-PLACE1008867//ESTs//1.1e-77:400:95//Hs.44198:AI093502
R-PLACE1008887//Oxytocin receptor//1.1e-43:601:67//Hs.2820:X64878
R-PLACE1008902//ESTs//0.023:208:61//Hs.154164:AI246893
R-PLACE1008920//Homo sapiens mRNA for KIAA0765 protein, partial cds//2.6e-56:344:89//Hs.62318:AB018308
R-PLACE1008925//ESTs//0.17:294:57//Hs.105113:AA457018
20 R-PLACE1008934//ESTs//2.0e-61:339:92//Hs.100448:AA622653
R-PLACE1008941//ESTs, Moderately similar to ATP-BINDING CASSETTE TRANSPORTER 2 [Mus musculus]//
1.3e-19:488:63//Hs.15780:U66680
R-PLACE1008947//ESTs//1.3e-81:385:99//Hs.71574:AI376573
R-PLACE1009020//ESTs//2.9e-79:419:94//Hs.121816:AA775419
25 R-PLACE1009027//Homo sapiens mRNA for doublecortin//3.1e-82:434:94//Hs.34780:AJ003112
R-PLACE1009039//ESTs//2.8e-83:448:92//Hs.129179:AA988520
R-PLACE1009045//ESTs//1.6e-64:318:97//Hs.103423:AA814195
R-PLACE1009048//ESTs//2.7e-17:403:63//Hs.149343:AI249139
R-PLACE1009050//ESTs//2.0e-88:475:92//Hs.122925:AA909008
30 R-PLACE1009060//ESTs, Highly similar to HYPOTHETICAL 98.3 KD PROTEIN R10E12.1 IN CHROMOSOME
III [Caenorhabditis elegans]//1.2e-112:555:96//Hs.9663:AA527142
R-PLACE1009090//ESTs//5.0e-13:175:75//Hs.140608:N53448
R-PLACE1009094//Human splicing factor SRp30c mRNA, complete cds//0.98:161:63//Hs.77608:AL021546
R-PLACE1009099//ESTs, Highly similar to MKR2 PROTEIN [Mus musculus]//0.037:63:84//Hs.39943:AA203136
35 R-PLACE1009110//EST//5.8e-17:307:65//Hs.117264:AA682549
R-PLACE1009111//ESTs//1.9e-57:349:90//Hs.11260:N98983
R-PLACE1009130//ESTs, Weakly similar to hypothetical protein 2 [H.sapiens]//6.5e-97:501:94//Hs.11123:
AA703945
R-PLACE1009150//LAMIN B1//0.064:393:60//Hs.89497:L37747
40 R-PLACE1009155//ESTs, Moderately similar to ovarian-specific protein [R.norvegicus]//2.5e-36:163:82//Hs.
93332:AA811920
R-PLACE1009158//ESTs//0.30:149:65//Hs.155796:R80005
R-PLACE1009166//ESTs//3.3e-34:292:77//Hs.140255:AA708322
R-PLACE1009172//EST//8.9e-21:364:67//Hs.142557:AA464948
45 R-PLACE1009174//ESTs//2.9e-18:274:70//Hs.139241:AA283707
R-PLACE1009183//ESTs//2.3e-44:297:87//Hs.136839:H93717
R-PLACE10091867//ESTs, Weakly similar to No definition line found [C.elegans]//1.5e-109:572:94//Hs.54943:
Z78396
R-PLACE1009190//ESTs//2.6e-53:318:90//Hs.25245:AA176701
50 R-PLACE1009200//H.sapiens mRNA for sortilin//3.2e-33:195:92//Hs.104247:X98248
R-PLACE1009230//ESTs//3.0e-31:153:92//Hs.124116:AA772680
R-PLACE1009246//ESTs//2.7e-90:488:92//Hs.10706:AA909018
R-PLACE1009308//ESTs//0.022:46:97//Hs.36545:AA075423
R-PLACE1009319//ESTs//7.7e-99:533:92//Hs.109654:N91279
55 R-PLACE1009328//Human Line-1 repeat mRNA with 2 open reading frames//7.3e-82:578:82//Hs.23094:M19503
R-PLACE1009335//EST//1.3e-64:311:99//Hs.130558:AI004397
R-PLACE1009338//ESTs//6.0e-70:386:93//Hs.3542:AI015782
R-PLACE1009368//ESTs//1.4e-18:107:98//Hs.133303:W04760

EP 1 074 617 A2

R-PLACE1009375//ESTs//8.9e-36:313:76//Hs.24608:AA161260
 R-PLACE1009388//EST//4.4e-11:101:83//Hs.147074:AI188883
 R-PLACE1009398//ESTs//5.7e-63:335:93//Hs.149003:AI243186
 R-nnnnnnnnnnnnn//ESTs//3.6e-94:452:98//Hs.103177:W72798
 5 R-PLACE1009410//ESTs//2.2e-112:553:96//Hs.61779:AA195255
 R-PLACE1009434//EST//3.4e-15:109:74//Hs.103742:U48632
 R-PLACE1009443//EST//7.5e-61:302:98//Hs.157787:AI361269
 R-PLACE1099444//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA//6.6e-85:479:90//Hs.76987:AF012872
 R-PLACE1009459//ESTs//9.3e-86:437:95//Hs.104871:AI161427
 10 R-PLACE1009476//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-67A1//1.3e-42:266:89//Hs.155049:
 AC004531
 R-PLACE1009477//ESTs//2.0e-50:367:82//Hs.152788:AA630925
 R-PLACE1009493//ESTs//4.5e-14:150:78//Hs.143918:AA699596
 R-PLACE1009524//ESTs//2.9e-97:454:99//Hs.7189:AA767698
 15 R-PLACE1009539//ESTs//9.1e-94:454:97//Hs.154706:AI262131
 R-PLACE1009542//Homo sapiens apoptotic protease activating factor 1 (Apaf-1) mRNA, complete cds//1.4e-10:
 289:63//Hs.77579:AF013263
 R-PLACE1009571//ESTs//2.1e-23:125:100//Hs.41767:AA732326
 R-PLACE1009581//ESTS, Weakly similar to FIBRINOGEN ALPHA AND ALPHA-E CHAIN PRECURSORS [H.
 20 sapiens]//0.0012:56:91//Hs.12151:AA001818
 R-PLACE1009595//Homo sapiens mRNA for KIAA0635 protein, complete cds//6.0e-42:547:70//Hs.69157:
 AB014535
 R-PLACE1009596//ESTs//1.9e-102:588:90//Hs.142395:AI374735
 R-PLACE1009607//ESTs//0.0093:107:70//Hs.70932:AA126482
 25 R-PLACE1009613//ESTs//7.5e-101:488:97//Hs.5905:AA946680
 R-PLACE1009621//EST//0.99:261:60//Hs.149030:AI243338
 R-PLACE1009622//ESTs//8.0e-93:508:92//Hs.20967:AI422858
 R-PLACE1009637//EST//8.7e-90:442:97//Hs.121372:AA758701
 R-PLACE1009639//EST//8.5e-49:279:93//Hs.117447:R27213
 30 R-PLACE1009659//Homo sapiens mRNA for KIAA0587 protein, complete cds//3.3e-109:589:92//Hs.21862:
 AB011159
 R-PLACE1009665//ESTs, Weakly similar to line-1 protein ORF1 [H.sapiens]//9.9e-62:483:79//Hs.140416:
 AA778649
 R-PLACE1009670//Homo sapiens genethonin 1 mRNA, complete cds//6.6e-63:310:97//Hs.109590:AF062534
 35 R-PLACE1009708//ESTs//3.0e-94:471:96//Hs.40091:N48582
 R-PLACE1009721//ESTs, Weakly similar to MSF1 PROTEIN [S.cerevisiae]//4.2e-98:529:92//Hs.3945:AA004210
 R-PLACE1009731//TESTs, Weakly similar to immune associated protein 38 [M.musculus]//6.8e-85:489:89//Hs.
 26194:AA033989
 R-PLACE1009763//Homo sapiens UBA3 (UBA3) mRNA, complete cds//2.0e-117:598:95//Hs.154320:AF046024
 40 R-PLACE1009794//ESTs//7.9e-102:529:95//Hs.42927:N20989
 R-nnnnnnnnnnnnn//Human DNA sequence from clone 1189B24 on chromosome Xq25-26.3. Contains NADH-Ubi-
 quinone Oxidoreductase MLRQ subunit (EC 1.6.5.3, EC 1.6.99.3, CI-MLRQ), Tubulin Beta and Proto-oncogene
 Tyrosine-protein Kinase FER (EC 2.7.1.112, P94-FER, C-FER, TYK3) pseudogenes, and part of a novel gene
 similar to hypothetical proteins S. pombe C22F3.14C and C. elegans C16A3.8. Contains ESTs and GSSs//1.1e-
 45 113:549:97//Hs.16411:AL030996
 R-PLACE1009845//ESTs//9.5e-106:560:93//Hs.117751:AI056868
 R-PLACE1009879//ESTs//1.8e-61:399:86//Hs.141012:R68748
 R-PLACE1009886//EST//0.54:153:64//Hs.144281:AA081328
 R-PLACE1009888//ESTs//2.7e-105:520:97//Hs.108646:AA613031
 50 R-nnnnnnnnnnnnn//ESTs, Weakly similar to similar to mouse MMR1 [C.elegans]//1.6e-114:594:94//Hs.67466:
 AI219740
 R-PLACE1009921//ESTs//7.6e-05:291:60//Hs.124786:AA825563
 R-PLACE1009924//EST//1.2e-42:216:98//Hs.31742:H20276
 R-PLACE1009925//ESTs//5.4e-30:154:100//Hs.114605:AI04317
 55 R-PLACE1009935//ESTs//1.4e-83:417:97//Hs.131755:AA496543
 R-PLACE1009947//Keratin 9//1.0:273:61//Hs.2783:Z29074
 R-PLACE1009971//ESTs//1.5e-87:424:98//Hs.13781:AI160540
 R-PLACE1009992//ESTs//1.3e-87:531:87//Hs.55044:AA460698

EP 1 074 617 A2

R-PLACE1009995//ESTs//1.3e-103:575:91//Hs.71218:C75347
 R-PLACE1009997//Small inducible cytokine A5 (RANTES)//1.1e-42:286:86//Hs.155464:AF088219
 R-PLACE1010023//ESTs, Weakly similar to C27F2.7 gene product [C.elegans]//1.7e-17:137:86//Hs.7049:
 AI141736
 5 R-PLACE1010031//ESTs//0.22:191:62//Hs.127787:AA832204
 R-PLACE1010053//ESTs, Moderately similar to spermatid perinuclear RNA-binding protein Spur [M.musculus]//
 7.6e-104:546:94//Hs.8215:AA521150
 R-PLACE1010069//ESTs//0.99:173:59//Hs.21415:AI150905
 R-PLACE1010074//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds//1.5e-88:543:88//Hs.
 10 11183AF065482
 R-PLACE1010076//ESTs//3.4e-106:530:95//Hs.28005:AA604375
 R-PLACE1010083//ESTs//4.1e-65:395:88//Hs.6103:AA496424
 R-PLACE1010089//ESTs//1.6e-70:348:97//Hs.9011:AA418615
 R-PLACE1010096//ESTs, Highly similar to hypothetical protein, 100K [R.norvegicus]//2.8e-104:565:92//Hs.11469:
 15 U69567
 R-PLACE1010102//ESTs//7.7e-50:311:89//Hs.5518:AI052015
 R-PLACE1010105//ESTs//6.0e-94:483:94//Hs.62684:AA806103
 R-PLACE1010106//ESTs, Weakly similar to putative p150 [H.sapiens]//1.6e-107:575:93//Hs.48301:AA122270
 R-PLACE1010134//EST//8.5e-59:314:94//Hs.135005:AI095130
 20 R-PLACE1010148//A-KINASE ANCHOR PROTEIN 79//0.52:351:56//Hs.48714:M90359
 R-PLACE1010152//ESTs//1.9e-40:240:90//Hs.17054:AI139897
 R-PLACE1010181//ESTs//3.6e-64:307:99//Hs.154163:AJ003313
 R-PLACE1010194//ESTs//2.7e-70:366:96//Hs.5301:T58466
 R-PLACE1010202//ESTs//0.57:120:67//Hs.58873:W95037
 25 R-PLACE1010231
 R-PLACE1010261//EST//6.9e-50:251:98//Hs.148208:AA897478
 R-PLACE1010270//ESTs//1.9e-87:430:96//Hs.25252:AI079545
 R-PLACE1010274//ESTs//1.9e-57:439:81//Hs.30078:H04535
 R-PLACE1010293//ESTs//8.1e-41:310:81//Hs.146811:AA410788
 30 R-PLACE1010321//ESTs//5.7e-50:246:99//Hs.151445:AA351081
 R-PLACE1010324//ESTs//0.00025:377:60//Hs.97430:AA398568
 R-PLACE1010329//Small inducible cytokine A5 (RANTES)//2.4e-40:300:82//Hs.155464:AF088219
 R-PLACE1010341//EST, Moderately similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.sapiens]//9.9e-
 32:190:77//Hs.152369:AA504818
 35 R-PLACE1010362//ESTs//8.2e-86:404:99//Hs.25625:AA669327
 R-PLACE1010364//ESTs//1.5e-105:556:93//Hs.12229:AA149594
 R-PLACE1010383//Homo sapiens mRNA for putative lipoic acid synthetase, partial//4.9e-35:166:86//Hs.53531:
 AJ224162
 R-PLACE1010401//ESTs//2.3e-85:450:93//Hs.23193:AA418152
 40 R-PLACE1010481//ESTs//0.012:280:59//Hs.5579:AI392816
 R-PLACE1010491//Homo sapiens Cre binding protein-like 2 mRNA, complete cds//2.4e-89:438:96//Hs.13313:
 AF039081
 R-PLACE1010492
 R-PLACE1010522//EST//0.43:82:68//Hs.89303:AA284031
 45 R-nnnnnnnnnnnn//ESTs//3.4e-36:228:89//Hs.128724:AA215455
 R-PLACE1010562//ESTs//4.8e-68:408:90//Hs.17244:W86306
 R-PLACE1010579//EST//0.015:193:63//Hs.67093:C14033
 R-PLACE1010580//ESTs//2.4e-93:445:98//Hs.127325:AA234116
 R-PLACE1010599
 50 R-PLACE1010616//ESTs//2.9e-101:497:97//Hs.142197:AA573418
 R-PLACE1010622//ESTs//7.1e-23:157:91//Hs.159877:N57895
 R-PLACE1010624//ESTs//1.4e-89:428:98//Hs.116561:AA658475
 R-PLACE1010628//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//6.4e-74:
 391:95//Hs.163495:W57637
 55 R-PLACE1010629//ESTs//5.8e-75:359:99//Hs.123630:AI250805
 R-PLACE1010630//ESTs//9.5e-101:519:94//Hs.77873:AA731719
 R-PLACE1010631//Homo sapiens mRNA for KIAA0530 protein, partial cds//8.3e-94:497:93//Hs.10801:AB011102
 R-PLACE1010661//ESTs, Highly similar to TESTIS-SPECIFIC PROTEIN PBS13 [Mus musculus]//4.8e-83:467:

91//Hs.22383:R51067
 R-PLACE1010662//ESTs, Weakly similar to UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE
 PRECURSOR [D.melanogaster]//8.3e-103:538:94//Hs.105794:AA701659
 R-PLACE1010702//Homo sapiens DNA from chromosome 19, BAC 33152//4.8e-46:531:71//Hs.55452:AC003973
 5 R-PLACE1010714//Human organic anion transporting polypeptide (OATP) mRNA, complete cds//0.0074:351:60//
 Hs.46440:U21943
 R-PLACE1010720//Homo sapiens chromosome-associated protein-C (hCAP-C) mRNA, partial cds//1.2e-56:300:
 95//Hs.50758:AF092564
 R-PLACE1010739//Homo sapiens mRNA for oligophrenin 1//2.6e-84:501:88//Hs.158122:AJ001189
 10 R-PLACE1010743
 R-PLACE1010761//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds//5.2e-
 94:442:96//Hs.3688:AF069250
 R-PLACE1010771//ESTs//3.8e-54:264:99//Hs.27299:AI074024
 R-PLACE1010786//ESTs, Highly similar to MYOSIN HEAVY CHAIN IB [Acanthamoeba castellanii]//7.6e-111:575:
 15 94//Hs.10260:AI126627
 R-PLACE1010800//ESTs//1.9e-109:557:95//Hs.11460:AA057558
 R-PLACE1010802//ESTs//0.00021:428:5 8//Hs.70258:AI091203
 R-PLACE1010811//ESTs//7.4e-73:394:93//Hs.48499:AA428896
 R-PLACE1010833//ESTs//9.0e-33:274:78//Hs.24391:W27472
 20 R-PLACE1010856//ESTs//5.8e-41:351:81//Hs.17401:W81048
 R-PLACE1010857//ESTs, Weakly similar to T14B4.2 gene product [C.elegans]//1.4e-71:326:92//Hs.3385:N25917
 R-PLACE1010870//ESTs//5.8e-57:303:96//Hs.30503:H05090
 R-PLACE1010877//Homo sapiens mRNA for KIAA0610 protein, partial cds//2.3e-101:501:96//Hs.118087:
 AB011182
 25 R-PLACE1010891
 R-PLACE1010896//EST//0.0039:249:57//Hs.126090:AA867983
 R-PLACE1010900//Human Xq28 mRNA, complete cds//3.3e-07:106:76//Hs.20136:U46023
 R-PLACE1010916//Plasminogen activator inhibitor, type II (arginine-serpin)//0.25:190:61//Hs.75716:Y00630
 R-PLACE1010917//ESTs//1.3e-82:452:92//Hs.68055:AA081093
 30 R-PLACE1010925//ESTs//1.1e-92:471:95//Hs.17448:AI125479
 R-PLACE1010926//Homo sapiens mRNA for KIAA0554 protein, partial cds//1.3e-66:402:89//Hs.74750:AB011126
 R-nnnnnnnnnnnn//Homo sapiens intersectin short form mRNA, complete cds//8.9e-82:441:93//Hs.66392:
 AF064244
 R-PLACE1010944
 35 R-PLACE1010947//ESTs//6.7e-15:102:91//Hs.116808:AA211519
 R-PLACE1010954//Small inducible cytokine A5 (RANTES)//8.8e-51:278:93//Hs.155464:AF088219
 R-PLACE1010960//ESTs, Highly similar to ACTIN-LIKE PROTEIN 13E [Drosophila melanogaster]//1.0e-103:565:
 92//Hs.23259:AA532437
 R-PLACE1010965//EST//6.3e-80:447:91//Hs.139529:AA219580
 40 R-PLACE1011026//ESTs//4.6e-99:463:99//Hs.149732:AI199846
 R-PLACE1011032//ESTs//6.3e-56:295:94//Hs.143576:AI147867
 R-PLACE1011041//ESTs//5.3e-27:168:91//Hs.7936:AA923249
 R-nnnnnnnnnnnn//Homo sapiens mRNA for KIAA0581 protein, partial cds//9.4e-102:563:91//Hs.41143:AB011153
 R-PLACE1011054//EST//1.1e-15:245:69//Hs.112648:AA609135
 45 R-PLACE1011056//Small inducible cytokine A5 (RANTES)//3.5e-38:285:82//Hs.155464:AF088219
 R-PLACE1011057//ESTs//3.5e-81:410:96//Hs.96499:AA252537
 R-PLACE1011090//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.6e-54:
 398:84//Hs.108740:W20094
 R-PLACE1011109//EST//1.3e-48:321:85//Hs.146794:AI149478
 50 R-PLACE101111 4//ESTs//5.4e-90:475:94//Hs.69331:AA099587
 R-PLACE1011133//ESTs, Highly similar to 40 KD PROTEIN [Borna disease virus]//3.0e-105:552:93//Hs.31257:
 AA875998
 R-PLACE1011143//ESTs//0.40:127:65//Hs.118701:AA420795
 R-PLACE1011160//Homa sapiens mRNA for HRIHFB2038, partial cds//7.7e-97:534:91//Hs.28719:AB015333
 55 R-PLACE1011165//ESTs//1.0:135:69//Hs.32163:AI374673
 R-PLACE1011185//ESTs, Weakly similar to !!!! ALU CLASS B WARNING ENTRY !!!! [H.sapiens]//3.4e-85:442:
 95//Hs.136910:AA810782
 R-PLACE1011203//EST//0.0047:268:60//Hs.68832:AA088438

R-PLACE1011219//ESTs//7.6e-96:504:93//Hs.124834:AI138671
 R-PLACE1011221//ESTs//5.2e-23:241:78//Hs.26761:AA203299
 R-PLACE1011229//ESTs//1.9e-90:461:95//Hs.132288:AI027693
 R-PLACE1011263//ESTs//6.6e-56:321:93//Hs.158787:W79602
 5 R-PLACE1011273//ESTs//0.016:131:65//Hs.140466:AA766772
 R-PLACE1011291//EST//8.7e-47:267:91//Hs.158806:AI376913
 R-PLACE1011296//EST//2.7e-38:225:92//Hs.160934:AI376849
 R-PLACE1011310//ESTs//9.1e-37:196:96//Hs.39328:H71807
 R-PLACE1011325//Human clone 23721 mRNA sequence//0.0012:486:58//Hs.83572:U79291
 10 R-PLACE1011332//ESTs//8.4e-44:217:99//Hs.101365:R60578
 R-PLACE1011340//ESTs, Weakly similar to TEICHOIC ACID BIOSYNTHESIS PROTEIN A [Bacillus subtilis]//3.4e-92:452:97//Hs.144194:AA706337
 R-PLACE1011375//ESTs//2.2e-35:195:96//Hs.106486:H11376
 R-PLACE1011399//ESTs//0.00096:224:67//Hs.151643:AA001194
 15 R-PLACE1011419//ESTs//4.9e-50:267:95//Hs.7045:AA167337
 R-nnnnnnnnnnnnn//Homo sapiens mRNA for KIAA0530 protein, partial cds//4.8e-114:600:94//Hs.10801:AB011102
 R-PLACE1011452//Homo sapiens mRNA for KIAA0707 protein, partial cds//3.7e-32:310:76//Hs.138488:AB014607
 20 R-PLACE1011465//ESTs//4.5e-86:471:93//Hs.144519:R70887
 R-PLACE1011472//Homo sapiens mRNA for KIAA0712 protein, complete cds//2.6e-104:515:96//Hs.111138:AB018255
 R-PLACE1011492//ESTs//1.7e-96:488:95//Hs.116555:AA639278
 R-PLACE1011503//Homo sapiens clone 23597 mRNA sequence//1.0:193:60//Hs.28197:AF035294
 25 R-PLACE1011520//ESTs//6.8e-99:477:97//Hs.85077:AA968576
 R-PLACE1011563//ESTs//1.4e-94:514:92//Hs.16471:AA206421
 R-PLACE1011567//EST//2.8e-89:417:100//Hs.149770:AI285985
 R-PLACE1011576//Zinc finger protein 91 (HPF7, HTF10)//4.7e-55:267:81//Hs.8597:L11672
 R-PLACE1011586//Myosin, heavy polypeptide 11, smooth muscle//0.98:168:61//Hs.78344:AF001548
 30 R-PLACE1011635//ESTs//2.5e-67:332:98//Hs.108194:AA780067
 R-PLACE1011641//ESTs//2.5e-71:J38:100//Hs.153085:AA993965
 R-PLACE1011643//EST//1.9e-18:181:78//Hs.160879:AI361900
 R-PLACE1011649//Homo sapiens clone 24432 mRNA sequence//2.5e-73:414:91//Hs.78019:AF070535
 R-PLACE1011650//EST//5.8e-18:118:92//Hs.124486:AA846036
 35 R-PLACE1011664//Restin (Reed-Steinberg cell-expressed intermediate filament-associated protein)//0.50:178:62//Hs.31638:X64838
 R-PLACE1011675
 R-PLACE1011682//ESTs//2.4e-90:465:94//Hs.57830:AI312025
 R-PLACE1011719//Human Line-1 repeat mRNA with 2 open reading frames//8.5e-57:410:83//Hs.23094:M19503
 40 R-PLACE1011725//ESTs//2.0e-70:340:98//Hs.161725:AA251392
 R-PLACE1011729//ESTs//7.5e-19:180:79//Hs.119516:AA443426
 R-PLACE1011749//Myelin oligodendrocyte glycoprotein {alternative products}//7.3e-40:361:77//Hs.53217:Z48051
 R-PLACE1011762//Human kpni repeat mra (cdna clone pcd-kpni-8), 3' end//3.0e-60:319:76//Hs.103948:K00627
 45 R-PLACE1011778//ESTs//8.0e-70:372:94//Hs.46765:AA521080
 R-PLACE1011783//Calcium modulating ligand//8.4e-41:279:85//Hs.13572:AF068179
 R-PLACE1011858//ESTs//2.6e-69:396:91//Hs.55220:D11563
 R-PLACE1011874//Human mRNA for KIAA0033 gene, partial cds//1.2e-53:439:80//Hs.22271:D26067
 R-PLACE1011875//ESTs//9.0e-88:420:98//Hs.70897:AA987648
 50 R-PLACE1011891//ESTs//3.9e-17:97:100//Hs.84698:AA725913
 R-PLACE1011896//ESTs//2.8e-23:176:84//Hs.121540:AI275497
 R-PLACE1011922//ESTs//6.6e-35:415:73//Hs.10972:AA164268
 R-PLACE1011923//Homo sapiens serum-inducible kinase mRNA, complete cds//2.3e-99:546:92//Hs.3838:AF059617
 55 R-PLACE1011962//ESTs//3.3e-49:294:90//Hs.106800:AI031969
 R-PLACE1011964//ESTs, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG [H.sapiens]//2.6e-06:284:63//Hs.124102:AA701285
 R-PLACE1011982//ESTs//2.9e-51:291:93//Hs.20792:R14890

R-PLACE1011995//ESTs//4.5e-39:304:81//Hs.138852:AA284247
 R-PLACE1012031//Homo sapiens mRNA for KIAA0713 protein, partial cds//8.0e-106:540:95//Hs.88756:AB018256
 R-PLACE2000003//ESTs//2.0e-103:488:98//Hs.8341:AA490069
 5 R-PLACE2000007//ESTs//2.4e-110:564:95//Hs.65135:W89120
 R-PLACE2000011//Homo sapiens clone 614 unknown mRNA, complete sequence//4.8e-105:524:95//Hs.21811:AF091080
 R-PLACE2000015//ESTs//7.1e-111:543:96//Hs.32178:AA083211
 R-PLACE2000017//EST//8.2e-46:404:79//Hs.133006:AI049504
 10 R-PLACE2000021//EST//4.5e-19:221:71//Hs.150830:AI302868
 R-PLACE2000033//Human melanoma antigen recognized by T-cells (MART-1) mRNA//1.6e-43:355:79//Hs.154069:U06452
 R-PLACE2000034//ESTs//2.2e-21:314:70//Hs.107697:W29013
 R-PLACE2000039//H.sapiens mRNA for translin associated protein X//2.9e-45:514:72//Hs.96247:X95073
 15 R-PLACE2000047//Homo sapiens class-I MHC-restricted T cell associated molecule (CRTAM) mRNA, complete cds//4.1e-45:358:81//Hs.159523:AF001622
 R-PLACE2000050//ESTs//4.5e-65:322:98//Hs.155820:N67652
 R-PLACE2000061//Homo sapiens mRNA for KIAA0575 protein, complete cds//9.2e-41:429:72//Hs.153468:AB011147
 20 R-PLACE2000062//Human mRNA for KIAA0392 gene, partial cds//2.0e-43:296:86//Hs.40100:AB002390
 R-PLACE2000072//Homo sapiens ZNF202 alpha (ZNF202) mRNA, complete cds//6.2e-111:550:95//Hs.9443:AF027219
 R-PLACE2000097//Calcium modulating ligand//6.2e-47:372:80//Hs.13572:AF068179
 R-PLACE2000100//ESTs//8.8e-42:281:86//Hs.150727:AI292236
 25 R-PLACE2000103//ESTs//4.7e-97:518:93//Hs.118727:W26941
 R-PLACE2000111//Homo sapiens ubiquitin hydrolyzing enzyme I (UBH1) mRNA, partial cds//0.00043:127:71//Hs.42400:AF022789
 R-PLACE2000115//ESTs//7.8e-93:458:96//Hs.104520:AA481662
 R-PLACE2000132//ESTs//3.8e-69:409:91//Hs.98502:AA433988
 30 R-PLACE2000136//ESTs//6.2e-05:274:61//Hs.114067:AA701558
 R-PLACE2000140//Homo sapiens mRNA for KIAA0562 protein, complete cds//4.7e-44:302:85//Hs.118401:AB011134
 R-PLACE2000164//ESTs//6.3e-106:506:98//Hs.16390:AI052357
 R-PLACE2000170//Small inducible cytokine A5 (RANTES)//3.7e-42:326:79//Hs.155464:AF088219
 35 R-PLACE2000172//ESTs//9.6e-43:232:94//Hs.6709:AI379778
 R-PLACE2000176//EST//1.6e-24:154:91//Hs.157734:AI360292
 R-PLACE2000187//Human mRNA for KIAA0033 gene, partial cds//2.0e-49:292:90//Hs.22271:D26067
 R-PLACE2000216//ESTs//0.0041:166:64//Hs.159476:AI382378
 R-PLACE2000223//ESTs//0.49:171:60//Hs.86154:AA207191
 40 R-PLACE2000235//ESTs//2.9e-39:264:85//Hs.136839:H93717
 R-PLACE2000246//NAD(P)H:menadione oxidoreductase//4.0e-44:331:82//Hs.80706:M81600
 R-PLACE2000264//Human mRNA for KIAA0365 gene, partial cds//4.0e-38:311:81//Hs.84123:AB002363
 R-PLACE2000274//ESTs, Weakly similar to dynein-related protein [H.sapiens]//1.9e-87:422:98//Hs.9740:AI004779
 45 R-PLACE2000302//ESTs, Highly similar to THREONYL-TRNA SYNTHETASE, CYTOPLASMIC [Homo sapiens]//4.8e-68:380:92//Hs.107365:AA720664
 R-PLACE2000305//ESTs//2.6e-43:413:75//Hs.118732:AI344055
 R-PLACE2000317//ESTs//2.8e-92:501:92//Hs.28432:R83380
 R-PLACE2000335//ESTs//4.3e-32:300:77//Hs.163035:AA748058
 50 R-PLACE2000342//Homo sapiens ubiquitin hydrolyzing enzyme I (UBH1) mRNA, partial cds//0.00071:117:73//Hs.42400:AF022789
 R-PLACE2000347//ESTs//1.6e-30:214:86//Hs.135272:AI347618
 R-PLACE2000359//Zinc finger protein 139 (clone pHZ-37)//5.5e-42:288:86//Hs.140090:U09848
 R-PLACE2000366//Thromboxane A2 receptor//6.7e-53:392:82//Hs.89887:D38081
 55 R-PLACE2000371//ESTs//3.6e-81:409:97//Hs.155138:AA158731
 R-PLACE2000373//Homo sapiens mRNA for KIAA0734 protein, partial cds//0.89:186:62//Hs.101516:AB018277
 R-PLACE2000379//ESTs//3.4e-10:228:64//Hs.57842:W63781
 R-PLACE2000394//ESTs//6.7e-41:462:74//Hs.107657:AA126814

R-PLACE2000398//ESTs//4.2e-33:373:74//Hs.155184:AA573189
 R-PLACE2000399
 R-PLACE2000404//ESTs, Highly similar to LEUCYL-TRNA SYNTHETASE, CYTOPLASMIC [Saccharomyces cerevisiae]//4.2e-109:540:96//Hs.6762:AA088424
 5 R-PLACE2000411//ESTs//1.6e-89:459:95//Hs.117589:N25941
 R-PLACE2000419//ESTs, Weakly similar to F25H9.6 [C.elegans]//1.6e-97:436:95//Hs.24647:W19739
 R-PLACE2000425//Homo sapiens PEC-205 mRNA, complete cds//2.2e-44:287:88//Hs.153563:AF011333
 R-PLACE2000427//ESTs, Weakly similar to coded for by C. elegans cDNA CEESI42F [C.elegans]//3.0e-113:543:97//Hs.16933:AA976002
 10 R-PLACE2000433//ESTs//1.8e-46:311:85//Hs.145032:AA343523
 R-PLACE2000435//ESTs//2.9e-33:243:87//Hs.90964:AA393986
 R-PLACE2000438//ESTs//2.8e-09:66:96//Hs.59548:AI279887
 R-PLACE2000450//Human mRNA for KIAA0392 gene, partial cds//3.3e-39:394:74//Hs.40100:AB002390
 R-PLACE2000455//ESTs//1.2e-62:301:99//Hs.151708:AA554714
 15 R-PLACE2000458//ESTs//6.8e-92:473:96//Hs.115897:AA156638
 R-PLACE2000465//ESTs//1.3e-45:435:76//Hs.141635:N79228
 R-PLACE2000477//ESTs//2.6e-100:536:94//Hs.77822:AA532642
 R-PLACE3000004//ESTs//9.1e-114:558:97//Hs.13035:AA151838
 R-PLACE3000029//Homo sapiens mRNA for KIAA0575 protein, complete cds//6.3e-64:350:86//Hs.153468:
 20 AB011147
 R-PLACE3000059//EST//0.028:175:61//Hs.159873:R92763
 R-PLACE3000070//ESTs//3.8e-16:200:74//Hs.138771:N70979
 R-PLACE3000103//ISLET AMYLOID POLYPEPTIDE PRECURSOR//3.7e-48:468:75//Hs.51048:X68830
 R-PLACE3000119//ESTs//1.2e-45:330:83//Hs.35254:AI133727
 25 R-PLACE3000124//EST//3.1e-75:391:96//Hs.161515:N71739
 R-PLACE3000136//ESTs//8.3e-18:152:84//Hs.10043:D81792
 R-PLACE3000142//ESTs//0.047:183:62//Hs.43102:AA131369
 R-PLACE3000147//ESTs//6.6e-53:310:90//Hs.8230:W07142
 R-PLACE3000148//EST//1.9e-16:184:76//Hs.146570:AI139815
 30 R-PLACE3000155//ESTs//1.2e-19:192:79//Hs.131350:AA805223
 R-PLACE3000156//ESTs, Highly similar to ENV POLYPROTEIN [Avian spleen necrosis virus]//4.8e-36:262:88//
 Hs.31532:H18272
 R-PLACE3000157
 R-PLACE3000158//Small inducible cytokine A5 (RANTES)//8.2e-39:296:81//Hs.155464:AF088219
 35 R-PLACE3000160
 R-PLACE3000169//ESTs//1.5e-64:329:97//Hs.129864:R20798
 R-PLACE3000194
 R-PLACE3000197//ESTs//1.4e-3 8:197:98//Hs.146341:AI269930
 R-PLACE3000199//ESTs, Highly similar to APOLIPOPROTEIN E PRECURSOR [Sus scrofa]//0.018:261:61//Hs.
 40 131370:AA927516
 R-PLACE3000207//EST//1.3e-15:154:78//Hs.136617:AA630476
 R-PLACE3000208//ESTs//1.6e-18:151:82//Hs.155498:W27084
 R-PLACE3000218//ESTs//1.8e-85:463:93//Hs.7849:AI129964
 R-PLACE3000220//ESTs//6.4e-44:308:84//Hs.136839:H93717
 45 R-PLACE3000226//ESTs//L3e-49:269:95//Hs.9059:AI359014
 R-PLACE3000230//EST//2.3e-34:258:83//Hs.4382:T02878
 R-PLACE3000242//Human trophinin mRNA, complete cds//1.1e-63:546:78//Hs.76313:U04811
 R-PLACE3000244//ESTs, Highly similar to NEGATIVE REGULATOR OF MITOSIS [Emericella nidulans]//7.5e-
 110:549:95//Hs.13692:AA632002
 50 R-PLACE3000254//Human mRNA for KIAA0309 gene, partial cds//2.4e-29:174:94//Hs.87908:AB002307
 R-PLACE3000271//Human macrophage-derived chemokine precursor (MDC) mRNA, complete cds//2.3e-62:287:
 82//Hs.97203:U83171
 R-PLACE3000276//ESTs//7.5e-07:187:64//Hs.80720:AA031782
 R-PLACE3000304//Human 53K isoform of Type II phosphatidylinositol-4-phosphate 5-kinase (PIPK) mRNA, com-
 55 plete cds//4.0e-59:456:80//Hs.108966:U48696
 R-PLACE3000310//ISLET AMYLOID POLYPEPTIDE PRECURSOR//6.0e-45:302:86//Hs.51048:X68830
 R-PLACE3000320//Interleukin 10//9.6e-42:288:85//Hs.2180:M57627
 R-PLACE3000322//ESTs, Highly similar to ARGININOSUCCINATE LYASE [Homo sapiens]//5.8e-34:190:95//Hs.

114531:N74103

R-PLACE3000331//Homo sapiens mRNA for KIAA0772 protein, complete cds//3.7e-32:239:84//Hs.15519:AB018315

R-PLACE3000339//ESTs//1.3e-109:548:96//Hs.7871:AI041837

5 R-PLACE3000341//EST//1.1e-11:231:68//Hs.131328:AA922688

R-PLACE3000350//Human mRNA for adipogenesis inhibitory factor//8.0e-40:291:76//Hs.1721:X58377

R-PLACE3000352//EST//1.8e-72:343:100//Hs.144871:AI202380

R-PLACE3000353//ESTs//2.0e-75:395:95//Hs.107260:W52683

10 R-PLACE3000362//EST//2.8e-80:381:99//Hs.136233:AA261888

R-PLACE3000363

R-PLACE3000365//EST//4.8e-50:307:88//Hs.149580:AI281881

R-PLACE3000373//ESTs//5.8e-60:422:83//Hs.142826:W87430

R-PLACE3000388//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.0e-35:427:73//Hs.138795:R98534

15 R-PLACE3000399//ESTs//6.5e-05:162:66//Hs.149440:AI274570

R-PLACE3000400//ESTs//8.3e-05:310:63//Hs.17697:AA287528

R-PLACE3000401//ESTs//4.6e-60:326:80//Hs.139555:N48230

R-PLACE3000402//Homo sapiens clone 24629 mRNA sequence//0.50:227:62//Hs.142570:AF052160

R-PLACE3000405//Human HsLIM15 mRNA for HsLim15, complete cds//5.3e-43:315:82//Hs.37181:D64108

20 R-PLACE3000406//Human high-affinity copper uptake protein (hCTR1) mRNA, complete cds//4.4e-47:302:87//Hs.73614:U83460

R-PLACE3000413//ESTs//1.6e-116:571:97//Hs.10235:H93077

R-PLACE3000416//Small inducible cytokine A5 (RANTES)//1.8e-41:300:85//Hs.155464:AF088219

R-PLACE3000425//Homo sapiens 4F5S mRNA, complete cds//1.6e-46:307:85//Hs.32567:AF073519

25 R-PLACE3000455//ESTs//1.0:160:64//Hs.156045:AA884461

R-PLACE3000475//Human signal transducing adaptor molecule STAM mRNA, complete cds//6.1e-84:440:92//Hs.153487:U43899

R-PLACE3000477//ESTs//2.4e-113:568:96//Hs.24557:AA142980

R-PLACE4000009//ESTs//1.5e-72:361:96//Hs.10119:AA700227

30 R-PLACE4000014//Homo sapiens mRNA for KIAA0809 protein, partial cds//8.8e-85:433:95//Hs.105399:AB018352

R-PLACE4000034//ESTs//7.0e-110:550:96//Hs.76607:AA156240

R-PLACE4000049//EST//0.028:87:75//Hs.89303:AA284031

R-PLACE4000052//ESTs//5.6e-116:553:98//Hs.19067:AA521292

35 R-PLACE4000063//ESTs//5.0e-80:388:98//Hs.135028:AI096444

R-PLACE4000089//ESTs//2.3e-97:479:97//Hs.102425:AA807547

R-PLACE4000093//ESTs//1.5e-82:391:99//Hs.160730:AI142739

R-PLACE4000100

40 R-PLACE4000106//Homo sapiens mRNA for KIAA0462 protein, partial cds//2.7e-98:419:91//Hs.129937:AB007931

R-PLACE4000128//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.8e-11:184:71//Hs.154278:N45985

R-PLACE4000129//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0500//5.2e-21:118:100//Hs.118164:AB007969

45 R-PLACE4000147//EST//1.6e-23:175:79//Hs.162236:AA551582

R-PLACE4000156//Homo sapiens mRNA for KIAA0575 protein, complete cds//3.0e-47:306:88//Hs.153468:AB011147

R-PLACE4000192//ESTs, Weakly similar to similar to Human zinc finger protein(ZNF142) [H.sapiens]//6.7e-31:232:82//Hs.16493:T92186

50 R-PLACE4000222//ESTs//2.2e-53:195:85//Hs.141575:AA211734

R-PLACE4000233//ESTs//2.9e-81:456:93//Hs.124964:R81949

R-PLACE4000247//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.5e-72:307:85//Hs.113283:AF018080

R-PLACE4000250//Small inducible cytokine A5 (RANTES)//7.1e-43:301:83//Hs.155464:AF088219

R-PLACE4000252//EST//1.6e-40:275:85//Hs.162197:AA535216

55 R-PLACE4000261//EST//0.0063:384:58//Hs.136284:AA400442

R-PLACE4000269//ESTs//7.3e-67:345:97//Hs.5000:R44586

R-PLACE4000270//Homo sapiens apoptotic protease activating factor 1 (Apaf-1) mRNA, complete cds//2.1e-37:352:77//Hs.77579:AF013263

R-PLACE4000300//EST//0.26:103:68//Hs.144438:AA780782
 R-PLACE4000320//EST//2.7e-44:298:85//Hs.162404:AA573131
 R-PLACE4000323//ESTs//8.8e-38:178:79//Hs.155475:AA761454
 R-PLACE4000326//ESTs//7.4e-103:516:96//Hs.55042:AA150460
 5 R-PLACE4000344//ESTs//9.9e-94:463:96//Hs.100057:AA001414
 R-PLACE4000367//ESTs//0.81:102:73//Hs.107692:H38478
 R-PLACE4000369//ESTs//1.5e-69:390:92//Hs.13733:AA418656
 R-PLACE4000379//ESTs//1.3e-67:373:91//Hs.48569:AA905425
 10 R-PLACE4000387//EST, Moderately similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.sapiens]//1.9e-44:379:78//Hs.152369:AA504818
 R-PLACE4000392//ESTs, Weakly similar to line-1 protein ORF1 [H.sapiens]//2.3e-70:482:83//Hs.140416:AA778649
 R-PLACE4000401//ESTs//1.3e-18:151:84//Hs.150355:AI273502
 R-PLACE4000411//ESTs//1.1e-108:543:96//Hs.23901:AA169780
 15 R-PLACE4000445//ESTs, Weakly similar to C05D9.6 gene product [C.elegans]//2.6e-111:530:98//Hs.12003:AA643063
 R-PLACE4000465//Cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 2//8.5e-58:409:72//Hs.1361:M55053
 R-PLACE4000489//ESTs//5.0e-70:342:98//Hs.72865:AI380932
 20 R-PLACE4000494//EST&//1.4e-109:525:98//Hs.22539:AI334210
 R-PLACE4000522//ESTs//6.3e-88:471:93//Hs.8121:AA521290
 R-PLACE4000548//ESTs//3.3e-86:441:96//Hs.5070:AA149527
 R-PLACE4000558//Human putative monocarboxylate transporter (MCT) mRNA, complete cds//5.7e-46:425:76//Hs.23590:U59185
 25 R-THYRO1000026//ESTs//2.6e-42:331:82//Hs.137875:AA993532
 R-THYRO1000034//ESTs//2.1e-43:214:100//Hs.153018:AI243524
 R-THYRO1000035//ESTs//7.6e-52:325:90//Hs.49817:AA001249
 R-THYRO1000040//ESTs//1.7e-94:459:98//Hs.48712:AI027889
 R-THYRO1000070//ESTs//6.7e-43:283:86//Hs.37573:H59651
 30 R-THYRO1000072//ESTs//1.3e-57:313:96//Hs.127827:H13438
 R-THYRO1000085//ESTs//1.1e-90:439:98//Hs.150539:AA908435
 R-THYRO1000092//Human mRNA for KIAA0355 gene, complete cds//1.3e-41:344:79//Hs.153014:AB002353
 R-THYRO1000107//Interieuldn 10//2.8e-43:292:84//Hs.2180:M57627
 R-THYRO1000111//ESTs, Highly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG [Homo sapiens]//1.0e-52:413:80//Hs.140385:AA773359
 35 R-THYRO1000121//EST//0.24:78:74//Hs.156632:AI345108
 R-THYRO1000124//ESTs//2.8e-86:428:96//Hs.141634:AI122764
 R-THYRO1000129//Homo sapiens TED protein (TED) mRNA, complete cds//6.8e-90:449:96//Hs.87619:AF087142
 40 R-THYRO1000132//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]//5.2e-49:486:77//Hs.24164:N95217
 R-THYRO1000156//ESTs//6.1e-36:344:75//Hs.70279:AA757426
 R-THYRO1000163//Homo sapiens LIM protein mRNA, complete cds//4.8e-38:278:84//Hs.154103:AF061258
 R-THYRO1000173//ESTs, Highly similar to CLATHRIN COAT ASSEMBLY PROTEIN AP47 [Mus musculus]//1.1e-111:554:96//Hs.18894:AA910946
 45 R-THYRO1000186//ESTs//1.0e-44:339:83//Hs.155184:AA573189
 R-THYRO1000187//Small inducible cytokine A5 (RANTES)//1.1e-41:305:81//Hs.155464:AF088219
 R-THYRO1000190//Small inducible cytokine A5 (RANTES)//2.3e-44:301:85//Hs.155464:AF088219
 R-THYRO1000197//Homo sapiens mRNA for poly(A)-specific ribonuclease//3.6e-110:535:97//Hs.43445:AJ005698
 50 R-THYRO1000199//Homo sapiens mRNA for KIAA0652 protein, complete cds//4.3e-115:559:97//Hs.79672:AB014552
 R-THYRO1000206//ESTs//3.1e-90:507:90//Hs.32456:W29063
 R-THYRO1000221//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.1e-72:357:98//Hs.140002:AA635349
 55 R-THYRO1000241//Homo sapiens mRNA for KIAA0688 protein, complete cds//7.8e-69:524:82//Hs.141874:AB014588
 R-THYRO1000242//ESTs//4.2e-27:222:85//Hs.77554:W87927

R-THYRO1000253//Sialophorin (gpL115, leukosialin, CD43)//7.3e-40:318:80//Hs.80738:X52075
 R-THYRO1000270//ESTs//1.9e-99:531:94//Hs.17767:N62925
 R-THYRO1000279//EST//2.7e-54:266:99//Hs.149527:AI280674
 R-THYRO1000288//Homo sapiens mRNA for Hs Ste24p, complete cds//3.5e-100:566:91//Hs.25846:AB016068
 5 R-THYRO1000320//POLYPOSIS LOCUS PROTEIN 1//1.0:321:58//Hs.74648:M73547
 R-THYRO1000327//Autocrine motility factor receptor//9.2e-54:289:93//Hs.80731:M63175
 R-THYRO1000343//Homo sapiens mRNA for KIAA0790 protein, partial cds//3.4e-113:559:96//Hs.12002:
 AB018333
 R-THYRO1000358//Human selenium-binding protein (hSBP) mRNA, complete cds//1.5e-48:317:87//Hs.7833:
 10 U29091
 R-THYRO1000368//ESTs//4.7e-88:430:98//Hs.146085:AA021064
 R-nnnnnnnnnnnn//ESTs//1.0:253:57//Hs.128783:AA436250
 R-THYRO1000387//Homo sapiens ubiquitin conjugating enzyme G2 (UBE2G2) mRNA, complete cds//4.6e-69:
 294:84//Hs.151614:AF032456
 15 R-THYRO1000394//Thromboxane A2 receptor//4.1e-40:232:87//Hs.89887:D38081
 R-THYRO1000395//ESTs//3.3e-20:160:83//Hs.101570:AA505429
 R-THYRO1000401//ESTs//1.3e-109:516:99//Hs.78524:AI140601
 R-THYRO1000438//ESTs//2.1e-48:360:83//Hs.141203:H52638
 R-THYRO1000452//ESTs, Weakly similar to No definition line found [C.elegans]//8.5e-40:239:90//Hs.84009:
 20 AI309761
 R-THYRO1000471//ESTs//3.3e-36:302:80//Hs.70279:AA757426
 R-THYRO1000484//Homo sapiens mRNA for KIAA0737 protein, complete cds//2.2e-49:479:75//Hs.17630:
 AB018280
 R-THYRO1000488//Homa sapiens mRNA for HRIHFB2038, partial cds//4.1e-89:471:94//Hs.28719:AB015333
 25 R-THYRO1000501//ESTs//L5e-46:287:89//Hs.125300:R62360
 R-THYRO1000502//ESTs//1.7e-08:63:96//Hs.116319:AI208005
 R-THYRO1000505//ESTs, Weakly similar to KIAA0281 [H. sapiens]//3.9e-57:286:96//Hs.105861:AI206965
 R-THYRO1000558//ESTs//1.7e-95:454:99//Hs.125063:AA648511
 R-THYRO1000569//ESTs//3.2e-89:463:94//Hs.20555:W22193
 30 R-THYRO1000570//ESTs//2.8e-97:471:97//Hs.8245:AA115485
 R-nnnnnnnnnnnn//Homo sapiens protein associated with Myc mRNA, complete cds//2.6e-108:533:97//Hs.151411:
 AF075587
 R-THYRO1000596//ESTs//3.1e-99:527:94//Hs.6084:AA045247
 R-THYRO1000602//EST//6.9e-50:381:83//Hs.161917:AA483223
 35 R-THYRO1000605//ESTs, Weakly similar to monocytic leukaemia zinc finger protein [H.sapiens]//1.2e-96:483:96//
 Hs.21907:N24415
 R-THYRO1000625//ESTs//5.6e-36:257:84//Hs.139657:AA191742
 R-THYRO1000637
 R-THYRO1000641//ESTs, Weakly similar to ERYTHROCYTE BAND 7 INTEGRAL MEMBRANE PROTEIN [H.
 40 sapiens]//4.9e-46:245:95//Hs.97398:AA398634
 R-THYRO1000658//ESTs//5.8e-48:281:90//Hs.142259:AA828840
 R-nnnnnnnnnnnn//ESTs//1.5e-82:389:99//Hs.155573:AA487384
 R-THYRO1000666//ESTs//1.4e-26:179:88//Hs.98382:AA779866
 R-THYRO1000676//EST//6.4e-05:88:77//Hs.133424:AI061063
 45 R-THYRO1000684//ESTs//1.9e-69:374:94//Hs.144617:R77109
 R-THYRO1000699//ESTs//1.7e-58:394:86//Hs.26373:AA700713
 R-THYRO1000712
 R-THYRO1000734//EST//2.0e-06:95:73//Hs.156201:AA724287
 R-THYRO1000748//EST//4.1e-12:155:74//Hs.118694:AA148713
 50 R-THYRO1000756//ESTs, Weakly similar to CMP-N-ACETYLNEURAMINATE-BETA-GALACTOSAMIDE-AL-
 PHA-2,3-SIALYLTRANSFERASE [H.sapiens]//8.1e-82:497:87//Hs.109672:W22624
 R-THYRO1000777
 R-THYRO1000783//EST//5.6e-100:470:99//Hs.123515:AA812932
 R-THYRO1000787//EST//8.0e-34:175:99//Hs.99607:AA463897
 55 R-THYRO1000793//ESTs//2.2e-106:505:99//Hs.50929:AA443144
 R-THYRO1000796//ESTs//4.3e-44:445:75//Hs.55855:AA621381
 R-THYRO1000805//EST//2.6e-32:407:67//Hs.123424:AA813594
 R-THYRO1000815//Human mRNA for KIAA0033 gene, partial cds//2.0e-56:307:87//Hs.22271:D26067

R-THYRO1000829
R-THYRO1000843//Interleukin 10//1.1e-44:285:87//Hs.2180:M57627
R-THYRO1000852//EST//2.3e-20:157:85//Hs.149580:AI281881
R-THYRO1000855//ESTs//2.6e-44:359:81//Hs.140329:AA714011
5 R-THYRO1000865//Protein kinase, interferon-inducible double stranded RNA dependent//2.8e-44:374:79//Hs.
73821:M35663
R-THYRO1000895//ESTs//1.0e-32:196:85//Hs.138630:H97871
R-THYRO1000916//ESTs//4.6e-99:492:96//Hs.152442:AA528234
R-THYRO1000926//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds//3.1e-110:
10 566:94//Hs.78106:AF079529
R-THYRO1000934//ESTs//7.4e-102:535:95//Hs.58194:W72182
R-THYRO1000951//ESTs//4.2e-11:91:89//Hs.6278:T15859
R-THYRO1000952//ESTs//3.9e-93:489:94//Hs.48928:AA211761
R-THYRO1000974//Homo sapiens ribosomal protein L33-like protein mRNA, complete cds//1.1e-60:321:95//Hs.
15 14454:AF047440
R-THYRO1000975//EST//9.8e-49:303:89//Hs.149580:AI281881
R-THYRO1000983//ESTs, Highly similar to UBIQUITIN-CONJUGATING ENZYME E2-17 KD 11 [Arabidopsis thal-
iana]//1.6e-90:474:93//Hs.106616:AI027524
R-THYRO1000984//ESTs//5.9e-97:481:96//Hs.142457:AI202777
20 R-THYRO1000988//EST//3.5e-42:241:83//Hs.162404:AA573131
R-THYRO1001003//ESTs, Weakly similar to ubiquitin-conjugating enzyme [H.sapiens]//3.0e-57:341:91//Hs.
44049:AA521489
R-THYRO1001031//ESTs//5.5e-47:322:85//Hs.136839:H93717
R-THYRO1001033//ESTs//5.7e-89:427:98//Hs.71508:AA809070
25 R-THYRO1001062//EST//1.5e-46:291:89//Hs.161917:AA483223
R-THYRO1001093//ESTs//2.7e-80:468:90//Hs.124601:AA203497
R-THYRO1001100
R-THYRO1001120//ESTs, Moderately similar to fractionated X-irradiation-induced 29 thymoma [M.musculus]//
6.6e-86:491:89//Hs.89135:AI138834
30 R-THYRO1001121//Homo sapiens mRNA for beta-tubulin folding cofactor D//2.6e-82:429:94//Hs.12570:
AJ006417
R-THYRO1001133//ESTs//2.9e-39:242:90//Hs.152340:AA521399
R-THYRO1001134//ESTs//1.8e-102:521:95//Hs.108408:N31922
R-THYRO1001142//ESTs//0.26:84:69//Hs.153434:AI287853
35 R-THYRO1001173//Human mRNA for KIAA0238 gene, partial cds//0.0012:305:62//Hs.82042:D87075
R-THYRO1001177
R-THYRO1001189//H.sapiens F11 mRNA//1.5e-59:260:83//Hs.159639:X77744
R-THYRO1001204//ESTs, Weakly similar to TH1 protein [D.melanogaster]//1.0e-75:431:91//Hs.5184:AA709151
R-THYRO1001213//ESTs//1.3e-75:409:92//Hs.140213:AA828932
40 R-THYRO1001262//Human kpni repeat mma (cdna clone pcd-kpni-4), 3' end//1.3e-48:349:83//Hs.139107:K00629
R-THYRO1001271//PUTATIVE PROTEIN PHOSPHATASE 2C//1.0:128:64//Hs.118728:D13640
R-THYRO1001290//ESTs//2.1e-89:424:99//Hs.118152:AA702561
R-THYRO1001313//ESTs//3.5e-17:139:87//Hs.15827:H16269
R-THYRO1001320//ESTs//1.4e-61:403:79//Hs.139555:N48230
45 R-THYRO1001321//Hypoxanthine phosphoribosyltransferase 1 (Lesch-Nyhan syndrome)//8.5e-05:326:60//Hs.
82314:M31642
R-nnnnnnnnnnnn//ESTs//0.16:422:5.9//Hs.23876:AA082935
R-THYRO1001347//ESTs, Weakly similar to C35A5.8 [C.elegans]//1.1e-106:562:94//Hs.15032:AA774250
R-THYRO1001363//ESTs//1.4e-99:508:95//Hs.5028:D51033
50 R-THYRO1001365
R-THYRO1001374
R-THYRO001401//Human HsLIM15 mRNA for HsLimf5, complete cds//2.5e-48:467:75//Hs.37181:D64108
R-THYRO1001403//Interleukin 10//2.1e-46:305:85//Hs.2180:M57627
R-THYRO1001405//ESTs//4.8e-25:197:84//Hs.6907:W72733
55 R-THYRO1001406//EST//0.0023:117:66//Hs.162931:AA633197
R-THYRO1001411//ESTs//6.1e-77:421:93//Hs.22973:R40979
R-THYRO1001426//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0508//9.1e-49:305:86//Hs.
159187:AB007977

R-THYRO1001434//ESTs//0.40:161:61//Hs.161993:AA503172
 R-THYRO1001458//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]//1.7e-05:159:66//Hs.104239:AA488082
 R-THYRO1001480//Small inducible cytokineA5 (RANTES)//1.3e-40:331:79//Hs.155464:AF088219
 5 R-THYRO1001487//Homo sapiens mRNA for KIAA0563 protein, complete cds//2.1e-17:134:76//Hs.15731:AB011135
 R-THYRO1001534//ESTs//4.6e-96:447:100//Hs.135204:AI093110
 R-THYRO1001537//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//5.0e-33:304:80//Hs.108740:W20094
 10 R-THYRO1001541//Human peptide transporter (HPEPT1) mRNA, complete cds//9.0e-49:427:76//Hs.2217:U21936
 R-THYRO1001559//ESTs//0.99:210:62//Hs.33619:AA021594
 R-THYRO1001570//ESTs//4.9e-48:287:91//Hs.27131:AA442413
 R-THYRO1001573//ESTs//2.1e-87:446:95//Hs.143669:AA621958
 15 R-THYRO1001584//ESTs//1.5e-64:354:95//Hs.146222:AA397741
 R-THYRO1001595//ESTs//5.7e-39:366:78//Hs.22562:R54247
 R-THYRO1001602//Insulin-like growth factor 1 (somatomedia C)//7.4e-12:288:67//Hs.85112:X57025
 R-THYRO1001605//Human GS2 mRNA, complete cds//6.9e-49:359:83//Hs.264:U03886
 R-THYRO1001617//Homo sapiens peroxisomal acyl-CoA:di-hydroxyacetonephosphate acyltransferase (DHAPAT)
 20 mRNA, complete cds//1.3e-82:434:93//Hs.12482:AJ002190
 R-THYRO1001637//Homo sapiens KIAA0414 mRNA, partial cds//7.1e-58:331:83//Hs.127649:AB007874
 R-THYRO1001656//ESTs//3.8e-19:209:75//Hs.92186:AI080282
 R-THYRO1001661//ESTs//1.4e-56:323:91//Hs.24984:AA534446
 R-THYRO1001671//Homo sapiens mRNA for 2'-5' oligoadenylate synthetase 59 kDa isoform//1.6e-111:562:95//
 25 Hs.118633:AJ225089
 R-THYRO1001673//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488//1.0e-17:246:73//Hs.67619:AB007957
 R-THYRO1001703//ESTs//1.1e-39:142:97//Hs.110748:AI341726
 R-THYRO1001706//ESTs//2.2e-42:214:99//Hs.112536:AI147691
 30 R-THYRO1001721
 R-nnnnnnnnnnnnn//ESTs, Weakly similar to ZK1128.6 [C.elegans]//1.7e-10:147:77//Hs.158196:R53184
 R-THYRO1001745//ELK1, member of ETS oncogene family//1.8e-12:282:65//Hs.116549:AL009172
 R-THYRO1001746//EST//0.0073:226:61//Hs.146544:AI125323
 R-THYRO1001772//ESTs//8.2e-100:495:97//Hs.144993:AA243474
 35 R-THYRO1001793//ESTs//2.5e-89:430:97//Hs.58127:AA534224
 R-THYRO1001809//ESTs//1.0e-41:327:80//Hs.146811:AA410788
 R-THYRO1001854//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//5.7e-38:242:83//Hs.92381:AB007956
 R-THYRO1001895//ESTs//1.7e-08:213:64//Hs.156056:AI352123
 40 R-THYRO1001907//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]//3.7e-41:362:79//Hs.139007:H74314
 R-VESEN1000122
 R-Y79AA1000013//ESTs//0.99:233:57//Hs.132216:AA923289
 R-Y79AA1000033//EST//1.9e-62:324:95//Hs.157692:AI359321
 45 R-Y79AA1000037//ESTs//6.1e-47:234:98//Hs.30773:AA557178
 R-Y79AA1000059//Homo sapiens mRNA for KIAA0640 protein, partial cds//2.8e-51:330:89//Hs.153026:AB014540
 R-Y79AA1000065//ESTs//2.0e-91:497:94//Hs.37759:H59629
 R-Y79AA1000131//EST//2.3e-16:184:75//Hs.141501:N50792
 50 R-Y79AA1000181//ESTs, Weakly similar to No definition line found [C.elegans]//2.4e-110:553:95//Hs.23159:AA113849
 R-Y79AA1000202//Human mRNA for KIAA0169 gene, partial cds//0.094:185:62//Hs.79414:D79991
 R-Y79AA1000214//ESTs//1.7e-93:495:94//Hs.11673:W68103
 R-Y79AA1000230//ESTs//3.5e-114:553:98//Hs.47125:AI421812
 55 R-Y79AA1000231//ESTs//1.1e-106:526:97//Hs.82856:AI246624
 R-Y79AA1000258//ESTs//1.5e-99:490:97//Hs.6459:AI092936
 R-Y79AA1000268//Human mRNA for KIAA0365 gene, partial cds//1.3e-44:320:84//Hs.84123:AB002363
 R-Y79AA1000313//ESTs//1.7e-105:558:93//Hs.18851:AA857826

R-Y79AA1000328//ESTs//1.9e-76:448:91//Hs.16470:AA121635
 R-Y79AA1000342//ESTs, Weakly similar to MATRIN 3 [H.sapiens]//2.0e-37:239:88//Hs.23476:AA401210
 R-Y79AA1000346//ESTs//7.9e-12:139:76//Hs.115987:AA483808
 R-Y79AA1000349//ESTs, Moderately similar to spermatid perinuclear RNA-binding protein Spnr [M.musculus]//
 5 4.4e-66:339:97//Hs.8215:AA521150
 R-Y79AA1000355//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]//3.2e-
 44:279:88//Hs.139007:H74314
 R-Y79AA1000368//ESTs//3.8e-97:513:94//Hs.68090:AA641018
 R-Y79AA1000405//ESTs//4.4e-47:267:94//Hs.125304:R51613
 10 R-Y79AA1000410//ESTs//7.4e-49:359:82//Hs.158107:AA707758
 R-Y79AA1000420//EST//0.17:99:69//Hs.160859:AI352292
 R-Y79AA1000469//ESTs, Highly similar to ancient ubiquitous 46 kDa protein AUP46 precursor [M.musculus]//3.1e-
 60:362:88//Hs.6381:AI188509
 R-Y79AA1000480//ESTs//1.0e-75:433:91//Hs.78110:AA741320
 15 R-Y79AA1000538//EST//7.9e-48:307:87//Hs.149580:AI281881
 R-Y79AA1000539//Human kinesin-like spindle protein HKSP (HKSP) mRNA, complete cds//0.95:172:62//Hs.
 41723:U37426
 R-Y79AA1000540//ESTs//1.5e-97:534:93//Hs.67991:AA147848
 R-Y79AA1000560//ESTs, Highly similar to ALPHA-ADAPTIN [Rattus norvegicus]//8.2e-97:482:97//Hs.19121:
 20 AI125280
 R-Y79AA1000574//ESTs, Weakly similar to M04B2.4 [C.elegans]//1.3e-107:564:93//Hs.16361:AI147455
 R-Y79AA1000627//Homo sapiens zinc finger protein (ZF5128) mRNA, complete cds//3.4e-99:517:94//Hs.60580:
 AF060503
 R-Y79AA1000705//ESTs, Weakly similar to HYPOTHETICAL 128.5 KD HELICASE IN ATS1-TPD3 INTERGENIC
 25 REGION [Saccharomyces cerevisiae]//8.1e-27:140:100//Hs.129049:H28818
 R-Y79AA1000734//Homo sapiens peroxisomal biogenesis factor (PEX11b) mRNA, complete cds//8.7e-114:586:
 95//Hs.83023:AF093670
 R-Y79AA1000748//ESTs, Weakly similar to HYPOTHETICAL 61.3 KD PROTEIN F25B5.5 IN CHROMOSOME III
 [C.elegans]//9.8e-111:563:95//Hs.19845:AI005330
 30 R-Y79AA1000752//Homo sapiens (huc) mRNA, complete cds//0.97:235:59//Hs.1701:L26405
 R-Y79AA1000774//ESTs//5.9e-109:559:95//Hs.17138:N91463
 R-Y79AA1000782//Human mRNA for KIAA0246 gene, partial cds//1.6e-18:107:100//Hs.84753:D87433
 R-Y79AA1000784//EST//0.80:87:67//Hs.158558:AI368359
 R-Y79AA1000794//ESTs//2.7e-99:498:96//Hs.25441:AA580512
 35 R-Y79AA1000800//ESTs//1.2e-97:532:93//Hs.77822:AA532642
 R-nnnnnnnnnnnn//Carboxypeptidase E//0.018:354:59//Hs.75360:X51405
 R-Y79AA1000805
 R-Y79AA1000824//ESTs//0.99:276:61//Hs.153992:AA280227
 R-Y79AA1000827//ESTs//1.2e-55:326:92//Hs.158127:AI334650
 40 R-Y79AA1000850//Homo sapiens small optic lobes homolog (SOLH) mRNA, complete cds//0.016:386:59//Hs.
 55836:U85647
 R-Y79AA1000962//EST//0.024:177:63//Hs.25214:R37079
 R-Y79AA1000968
 R-Y79AA1000969//ESTs//2.9e-70:251:98//Hs.120858:AA417181
 45 R-Y79AA1000976//ESTs//7.8e-56:299:95//Hs.120125:M86049
 R-Y79AA1000985
 R-Y79AA1001023//ESTs//5.7e-66:379:90//Hs.64616:W22851
 R-Y79AA1001041//ESTs//8.6e-06:54:100//Hs.8980:AA629067
 R-Y79AA1001048//ESTs//4.4e-97:461:99//Hs.7010:AA837407
 50 R-Y79AA1001061//ESTs//3.8e-105:493:99//Hs.128419:AI271325
 R-Y79AA1001068//Homo sapiens mRNA for KIAA0563 protein, complete cds//4.8e-53:279:83//Hs.15731:
 AB011135
 R-Y79AA1001077//ESTs//1.9e-51:339:87//Hs.11197:AA309047
 R-Y79AA1001078//ESTs//8.3e-98:528:92//Hs.24608:AA161260
 55 R-Y79AA1001105//ESTs//6.0e-77:393:96//Hs.30837:H08155
 R-Y79AA1001145//ESTs//1.7e-13:285:64//Hs.128259:AA343015
 R-Y79AA1001167
 R-Y79AA1001177//EST//1.2e-05:92:76//Hs.65277:T15884

R-Y79AA1001185
 R-Y79AA1001211//ESTs//1.3e-70:344:97//Hs.49760:AA741051
 R-Y79AA1001216//ESTs//5.8e-63:416:88//Hs.8595:W60933
 R-Y79AA1001228//ESTs//9.3e-101:483:98//Hs.13916:AI025750
 5 R-Y79AA1001233//EST//0.00027:232:62//Hs.132431:AA909674
 R-Y79AA1001236//Homo sapiens mRNA for JM23 protein, complete coding sequence (clone IMAGE 34581 and
 IMAGE 45355 and LLNLc1101133Q7 (RZPD Berlin))//1.1e-110:549:95//Hs.23170:AJ005892
 R-Y79AA1001281//ESTs//3.6e-98:466:99//Hs.104442:AA481271
 R-Y79AA1001299//Human Ini1 mRNA, complete cds//9.6e-25:133:100//Hs.155626:U04847
 10 R-Y79AA1001312//ESTs//3.4e-92:454:97//Hs.127319:AI191149
 R-Y79AA1001323//ESTs//1.6e-67:422:89//Hs.118559:AA887084
 R-Y79AA1001384//ESTs//3.1e-104:496:98//Hs.153692:AA604143
 R-Y79AA1001391//ESTs//2.2e-77:418:94//Hs.118608:AA101819
 R-Y79AA1001394//ESTs//2.1e-78:409:95//Hs.23413:AA579859
 15 R-Y79AA1001402//EST//9.3e-08:128:75//Hs.141607:N63891
 R-Y79AA1001493//ESTs, Highly similar to UBIQUITIN-CONJUGATING ENZYME E2-17 KD 11 [Arabidopsis thal-
 iana]//4.4e-109:553:95//Hs.106616:AI027524
 R-Y79AA1001511//ESTs//4.9e-49:271:92//Hs.109045:AA523704
 R-Y79AA1001533//ESTs, Moderately similar to RNA polymerase I associated factor [M.musculus]//6.2e-46:260:
 20 94//Hs.24884:AA176812
 R-nnnnnnnnnnnn//EST//0.62:126:67//Hs.137020:AA868563
 R-Y79AA1001548//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA//3.5e-95:517:91//Hs.76987:AF012872
 R-Y79AA1001555//Collagen, type XI, alpha 1//1.0:157:64//Hs.82772:J04177
 R-Y79AA1001585//ESTs//1.9e-90:430:98//Hs.48333:AA704508
 25 R-Y79AA1001594//ESTs//9.6e-23:122:100//Hs.63795:AI126237
 R-Y79AA1001603//ESTs//1.0e-50:193:100//Hs.25635:AI336204
 R-Y79AA1001613//ESTs, Weakly similar to zinc finger protein [H.sapiens]//7.2e-81:400:97//Hs.13323:AA897542
 R-Y79AA1001647//ESTs//6.8e-92:479:95//Hs.154270:N26486
 R-Y79AA1001665//ESTs, Weakly similar to 50S RIBOSOMAL PROTEIN L20 [E.coli]//2.5e-19:112:97//Hs.26252:
 30 AA643235
 R-Y79AA1001679//ESTs, Highly similar to LAMBDA-CRYSTALLIN [Oryctolagus cuniculus]//9.7e-99:553:92//Hs.
 108896:R54040
 R-nnnnnnnnnnnn
 R-Y79AA1001696//ESTs//1.4e-84:478:91//Hs.6606:AA211783
 35 R-Y79AA1001705//ESTs//6.7e-107:546:95//Hs.106805:AA418490
 R-Y79AA1001711//Human DNA sequence from clone 1119D9 on chromosome 20p12. Contains part of a gene for
 a PAK1 LIKE Serine/Threonine-Protein Kinase and part of the PLCB4 gene for Phospholipase C, beta (1-Phos-
 phatidylinositol -4,5-Bisphosphate Phosphodiesterase Beta 4). Contains ESTs, STSs and GSSs//0.0085:251:63//
 Hs.21864:AL031652
 40 R-Y79AA1001781//ESTs, Weakly similar to partial CDS [C.elegans]//9.4e-87:427:97//Hs.18645:AI023798
 R-nnnnnnnnnnnn//ESTs//1.1e-112:558:97//Hs.109755:AA180809
 R-Y79AA1001827//ESTs, Weakly similar to Similar to S.cerevisiae YD9335.03c protein [H.sapiens]//8.1e-95:530:
 91//Hs.72444:W23217
 R-Y79AA1001846//EST//2.8e-41:312:81//Hs.162236:AA551582
 45 R-Y79AA1001848//Human adhalin (DAG2) mRNA, complete cds//0.54:221:58//Hs.99931:L34355
 R-Y79AA1001866//ESTs//2.2e-102:498:97//Hs.130683:AI278630
 R-Y79AA1001874//ESTs//1.9e-76:377:98//Hs.79707:AA354094
 R-Y79AA1001875//ESTs//0.64:152:63//Hs.156159:AI333652
 R-Y79AA1001923//EST//0.19:180:58//Hs.148290:AA908404
 50 R-Y79AA1002027//ESTs//1.6e-104:497:98//Hs.21275:N73275
 R-Y79AA1002083//Homo sapiens mRNA for KIAA0563 protein, complete cds//0.69:93:73//Hs.15731:AB011135
 R-Y79AA1002089//Homo sapiens PYRJN (MEFV) mRNA, complete cds//1.1e-46:392:80//Hs.113283:AF018080
 R-Y79AA1002093//Homo sapiens GT198 mRNA, complete ORF//1.2e-12:80:100//Hs.78185:L38933
 R-Y79AA1002103//ESTs//1.3e-52:535:76//Hs.142167:AI417785
 55 R-Y79AA1002115//ESTs//4.2e-101:519:96//Hs.23977:AA115275
 R-Y79AA1002125//ESTs//9.8e-68:363:94//Hs.72085:AA193399
 R-Y79AA1002139//ESTs//1.2e-100:498:96//Hs.72020:AA149858
 R-Y79AA1002204//ESTs//2.1e-83:434:95//Hs.22979:R43725

EP 1 074 617 A2

R-nnnnnnnnnnnn//ESTs//1.7e-55:478:76//Hs.154554:AA552715
 R-Y79AA1002209//ESTs, Weakly similar to similar to tyrosyl-tRNA synthetase. [C.elegans]//3.5e-108:553:95//Hs.
 50441:AA747428
 R-Y79AA1002210//ESTs//4.2e-16:92:100//Hs.54862:AA248349
 5 R-Y79AA1002211//ESTs, Weakly similar to PHOSPHATIDYLETHANOLAMINE-BINDING PROTEIN [H.sapiens]//
 6.5e-86:518:90//Hs.25682:AA857843
 R-Y79AA1002220//EST//1.3e-68:326:100//Hs.131052:AI016274
 R-Y79AA1002229//ESTs//1.9e-98:467:98//Hs.132002:AI039977
 R-Y79AA1002234//Homo sapiens mRNA for KIAA0692 protein, partial cds//2.0e-118:564:98//Hs.100729:
 10 AB014592
 R-Y79AA1002246//ESTs, Weakly similar to PROTEIN KINASE C, BRAIN ISOZYME [D.melanogaster]//9.0e-102:
 507:96//Hs.25895:AI341537
 R-Y79AA1002258//Homo sapiens mRNA for KIAA0655 protein, partial cds//2.4e-93:453:97//Hs.96731:AB014555
 R-Y79AA1002298//ESTs//0.022:241:62//Hs.118272:N90288
 15 R-Y79AA1002307//Homo sapiens mRNA for KIAA0634 protein, partial cds//8.1e-110:403:99//Hs.30898:
 AB014534
 R-Y79AA1002311//EST//2.6e-27:214:85//Hs.144721:AI187985
 R-Y79AA1002351//ESTs//5.6e-100:489:97//Hs.30318:AA913371
 R-Y79AA1002361
 20 R-Y79AA1002399//ESTs//0.029:149:65//Hs.43872:N26908
 R-Y79AA1002407//ESTs//2.8e-117:552:99//Hs.99519:AI042000
 R-Y79AA1002416//ESTs//2.6e-107:531:96//Hs.6716:AA502753
 R-Y79AA100243//EST//6.6e-23:128:98//Hs.128417:AA975026
 R-nnnnnnnnnnnn//ESTs, Highly similar to CELL DIVISION CONTROL PROTEIN 68 [Saccharomyces cerevisiae]
 25 //4.4e-62:390:88//Hs.143930:AI207821
 R-Y79AA1002472//ESTs//1.1e-39:234:78//Hs.117969:H94870
 R-Y79AA1002482//ESTs//3.4e-45:312:85//Hs.146811:AA410788
 R-Y79AA1002487//ESTs//1.7e-80:427:94//Hs.49210:N66499

30 Homology Search Result Data 6

[0314] Data obtained by the homology search for full-length nucleotide sequences and deduced amino acid sequenc-
 es. In the result of the search shown below, both units, aa and bp, are used as length units for the sequences to be
 compared. Each data includes Clone name, Definition in hit data, P value, Length of sequence to be compared, Ho-
 35 mology, and Accession number (No.) of hit data. These items are shown in this order and separated by a double-slash
 mark, //.

C-HEMBA1000005//DNAJ PROTEIN HOMOLOG MTJ1.//1.9E-250//554aa//85%//Q61712
 C-HEMBA1000030
 40 C-HEMBA1000046
 C-HEMBA1000050
 C-HEMBA1000076
 C-HEMBA1000156//NEUROFILAMENT TRIPLET M PROTEIN (160 KD NEUROFILAMENT PROTEIN) (NF-M)//
 1.9E-12//368aa//24%//P08553
 45 C-HEMBA1000158//HEPATOCYTE NUCLEAR FACTOR 3.-GAMMA (HNF-3G).//5E-16//166aa//36%//P35584
 C-HEMBA1000168//CYLICIN I (MULTIPLE-BAND POLYPEPTIDE I).//2.9E-14//303aa//25%//P35662
 C-HEMBA1000185//RAS-RELATED PROTEIN RAL-A.//3.4E-12//125aa//31%//P48555
 C-HEMBA1000193
 C-HEMBA1000227
 50 C-HEMBA1000288
 C-HEMBA1000302
 C-HEMBA1000304
 C-HEMBA1000307//CARNITINE DEFICIENCY-ASSOCIATED PROTEIN EXPRESSED IN VENTRICLE 1//5.2E-
 49//107aa//91 %//035594
 55 C-HEMBA1000369//Novel human mRNA similar to mouse gene PICK1 (TR:Q62083).//0//1950bp//98%//
 AL049654
 C-HEMBA1000387
 C-HEMBA1000392

C-HEMBA1000460
 C-HEMBA1000488//RING CANAL PROTEIN (KELCH PROTEIN).//3.3E-45//481aa//29%//Q04652
 C-HEMBA1000491//RAS-LIKE PROTEIN 2.//2E-22//188aa//31%//P22279
 C-HEMBA1000501
 5 C-HEMBA1000508
 C-HEMBA1000520
 C-HEMBA1000531//HEAT SHOCK 70 KD PROTEIN COGNATE 1 (HEAT SHOCK 70 KD PROTEIN 70C) (FRAG-
 MENTS).//2.6E-12//73aa//41%//P02826
 C-HEMBA1000534
 10 C-HEMBA1000555
 C-HEMBA1000568
 C-HEMBA1000588
 C-HEMBA1000608//HYPOTHETICAL PROTEIN KIAA0411 (FRAGMENT).//1.8E-55//179aa//61%//O43295
 C-HEMBA1000636
 15 C-HEMBA1000682
 C-HEMBA1000686
 C-HEMBA1000719
 C-HEMBA1000727
 C-HEMBA1000752
 20 C-HEMBA1000817
 C-HEMBA1000851
 C-HEMBA1000867
 C-HEMBA1000869
 C-HEMBA1000872
 25 C-HEMBA1000910//MELANOMA-ASSOCIATED ANTIGEN B1 (MAGE-B1 ANTIGEN) (MAGE-XP ANTIGEN)//
 1.6E-30//127aa//40%//P43366
 C-HEMBA1000918
 C-HEMBA1000919//HYPOTHETICAL 65.5 KD TRP-ASP REPEATS CONTAINING PROTEIN F02E8.5 IN CHRO-
 MOSOME X.//1E-10//288aa//23%//Q19124
 30 C-HEMBA1000946
 C-HEMBA1000968
 C-HEMBA1000971
 C-HEMBA1000975
 C-HEMBA1001009
 35 C-HEMBA1001022
 C-HEMBA1001043//ANKYRIN, BRAIN VARIANT 2 (ANKYRIN B) (ANKYRIN, NONERYTHROID)(FRAGMENT).//
 1.4E-12//131aa//38%//Q01485
 C-HEMBA1001052
 C-HEMBA1001080
 40 C-HEMBA1001085
 C-HEMBA1001088//PINCH PROTEIN (PARTICULARLY INTERESTING NEW CYS-HIS PROTEIN).//3.5E-50//
 176aa//57%//P48059
 C-HEMBA1001109
 C-HEMBA1001122
 45 C-HEMBA1001133
 C-HEMBA1001137//ZINC FINGER PROTEIN 33A (ZINC FINGER PROTEIN KOX31) (KIAA0065) (HA0946)
 (FRAGMENT).//1.5E-116//197aa//58%//Q06730
 C-HEMBA1001140
 C-HEMBA1001174//ADP-RIBOSYLATION FACTOR-LIKE PROTEIN 5.//6.8E-79//179aa//80%//P51646
 50 C-HEMBA1001197//Homo sapiens mRNA for KIAA0871 protein, complete cds.//9.5E-257//1307bp//94%//
 AB020678
 C-HEMBA1001235
 C-HEMBA1001257//Homo sapiens mRNA 2-methylacyl-CoA racemase.//0//1672bp//99%//AJ130733
 C-HEMBA1001281
 55 C-HEMBA1001286//COMPLEMENT DECAY-ACCELERATING FACTOR PRECURSOR.//0.00000002//198aa//
 29%//Q60401
 C-HEMBA1001303
 C-HEMBA1001310

C-HEMBA1001326
 C-HEMBA1001351//Homo sapiens VAMP-associated protein of 33 kDa (VAP-33) mRNA, complete cds.//1.4E-133//614bp//99%//AF057358
 C-HEMBA1001387//GTP-BINDING PROTEIN TC10.//2.9E-64//104aa//82%//P17081
 5 C-HEMBA1001388
 C-HEMBA1001398
 C-HEMBA1001405
 C-HEMBA1001407
 C-HEMBA1001413
 10 C-HEMBA1001415
 C-HEMBA1001446
 C-HEMBA1001450
 C-HEMBA1001455
 C-HEMBA1001510//CYCLIC-AMP-DEPENDENT TRANSCRIPTION FACTOR ATF-6 (FRAGMENT).//1.7E-16//63aa//61%//P18850
 15 C-HEMBA1001526//PERIPLASMIC [FE] HYDROGENASE 1 (EC 1.18.99.1).//4.9E-37//399aa//29%//P29166
 C-HEMBA1001533
 C-HEMBA1001579//Homo sapiens mRNA for KIAA0850 protein, complete cds.//0//1662bp//99%//AB020657
 C-HEMBA1001581
 20 C-HEMBA1001595//SEPTIN 2 HOMOLOG (FRAGMENT).//4.9E-156//348aa//83%//Q14141
 C-HEMBA1001635//TESTIS SPECIFIC PROTEIN A (ZINC FINGER PROTEIN TSGA).//1.6E-10//155aa//28%//Q63679
 C-HEMBA1001661//CADHERIN-RELATED TUMOR SUPPRESSOR PRECURSOR (FAT PROTEIN).//4.6E-36//365aa//33%//P33450
 25 C-HEMBA1001702
 C-HEMBA1001714//Homo sapiens mRNA; cDNA DKFZp564G0422 (from clone DKFZp564G0422).//0//1845bp//99%//AL050386
 C-HEMBA1001731
 C-HEMBA1001744//SCY1PROTEIN.//9.9E-32//481aa//25%//P53009
 30 C-HEMBA1001809//IMMEDIATE-EARLY PROTEIN IE180.//3.8E-11//206aa//36%//P11675
 C-HEMBA1001815
 C-HEMBA1001819//ZINC FINGER PROTEIN 184 (FRAGMENT).//2.9E-135//459aa//52%//Q99676
 C-HEMBA1001847//ZINC FINGER PROTEIN 29 (ZFP-29).//7.6E-64//221aa//55%//Q07230
 C-HEMBA1001864
 35 C-HEMBA1001869//TRITHORAX PROTEIN.//0.000096//166aa//27%//P20659
 C-HEMBA1001896//DIMETHYLGLYCINE DEHYDROGENASE PRECURSOR (EC 1.5.99.2) (ME2GLYDH).//9.3E-36//395aa//26%//Q63342
 C-HEMBA1001987
 C-HEMBA1002018
 40 C-HEMBA1002049
 C-HEMBA1002084
 C-HEMBA1002125
 C-HEMBA1002161//MYOSIN HEAVY CHAIN, CARDIAC MUSCLE BETA ISOFORM.//1.4E-51//180aa//56%//P79293
 45 C-HEMBA1002177//TRANSCRIPTION FACTOR GATA-4 (GATA BINDING FACTOR-4).//6E-13//190aa//36%//P43694
 C-HEMBA1002191
 C-HEMBA1002199
 C-HEMBA1002212//TYROSINE-PROTEIN KINASE 2 (EC 2.7.1.112) (FRAGMENT).//3E-17//267aa//29%//P18161
 50 C-HEMBA1002237
 C-HEMBA1002265
 C-HEMBA1002267//Sus scrofa decorin mRNA, complete cds.//1.1E-46//302bp//90%//AF125537
 C-HEMBA1002349
 55 C-HEMBA1002363//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds.//0//1847bp//99%//AF092563
 C-HEMBA1002419//TRICHOHYALIN.//1.9E-09//299aa//24%//P22793
 C-HEMBA1002430

C-HEMBA1002439
 C-HEMBA1002458//OVARIAN GRANULOSA CELL 13.0 KD PROTEIN HGR74.//4.2E-24//109aa//55%//Q00994
 C-HEMBA1002460
 C-HEMBA1002462
 5 C-HEMBA1002469//DXS8237E PROTEIN (FRAGMENT).//3.5E-50//199aa//61%//P98175
 C-HEMBA1002475//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN).//1.1E-12//285aa//
 31%//P17437
 C-HEMBA1002477
 C-HEMBA1002495//LIGHT-MEDIATED DEVELOPMENT PROTEIN DET1.//6.8E-53//257aa//36%//P48732
 10 C-HEMBA1002515
 C-HEMBA1002542
 C-HEMBA1002569//Homo sapiens protein associated with Myc mRNA, complete cds.//6.8E-305//951bp//99%//
 AF075587
 C-HEMBA1002583
 15 C-HEMBA1002609//Homo sapiens mRNA for KIAA0597 protein, partial cds.//1.4E-253//1149bp//99%//AB011169
 C-HEMBA1002624//Homo sapiens mRNA for KIAA0808 protein, complete cds.//0//1539bp//99%//AB018351
 C-HEMBA1002688
 C-HEMBA1002696
 C-HEMBA1002750
 20 C-HEMBA1002768//Homo sapiens mRNA for Cdc42-interacting protein 4 (CIP4).//1E-80//882bp//61%//AJ000414
 C-HEMBA1002770//Homo sapiens mRNA for KIAA0829 protein, partial cds.//0//1532bp//99%//AB020636
 C-HEMBA1002777
 C-HEMBA1002794
 C-HEMBA1002810//Homo sapiens formin binding protein 21 mRNA, complete cds.//8.2e-314//1437bp//99%//
 25 AF071185
 C-HEMBA1002818//Homo sapiens, mRNA for fibulin-4.//2E-304//1383bp//99%//AJ132819
 C-HEMBA1002850
 C-HEMBA1002863
 C-HEMBA1002876//HYPOTHETICAL 26.4 KD PROTEIN EEED8.8 IN CHROMOSOME II.//1.5E-44//188aa//
 30 52%//Q09297
 C-HEMBA1002935//Homo sapiens mRNA for KIAA0576 protein, partial cds.//0//1483bp//100%//AB011148
 C-HEMBA1002937
 C-HEMBA1002939//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN).//2E-34//300aa//34%//
 P16157
 35 C-HEMBA1002951//Homo sapiens mRNA for KIAA0903 protein, partial cds.//0//1752bp//99%//AB020710
 C-HEMBA1002954
 C-HEMBA1002971
 C-HEMBA1002973//CAMP-DEPENDENT 3',5'-CYCLIC PHOSPHODIESTERASE 4B (EC 3.1.4.17) (DPDE4).//
 1.2E-27//63aa//100%//P14646
 40 C-HEMBA1002997//CENTROMERIC PROTEIN E (CENP-E PROTEIN).//3.8E-25//5 34aa//24%//Q02224
 C-HEMBA1003033
 C-HEMBA1003035
 C-HEMBA1003041
 C-HEMBA1003046//MITOCHONDRIAL PROCESSING PROTEASE BETA SUBUNIT PRECURSOR (EC
 45 3.4.24.64) (BETA-MPP) (P-52).//2.5E-263//489aa//99%//O75439
 C-HEMBA1003067
 C-HEMBA1003096
 C-HEMBA1003117
 C-HEMBA1003129
 50 C-HEMBA1003136//MANNOSE-1-PHOSPHATE GUANYLTRANSFERASE (EC 2.7.7.13) (ATP-MANNOSE-
 1-PHOSPHATE GUANYLYLTRANSFERASE) (NDP-HEXOSE PYROPHOSPHORYLASE).//8.5E-51//221aa//
 33%//P41940
 C-HEMBA1003148//Homo sapiens mRNA full-length insert cDNA clone EUROIMAGE 381801.//0//1583bp//99%//
 AL079278
 55 C-HEMBA1003175
 C-HEMBA1003179//PROBABLE TRNA (5-METHYLAMINOMETHYL-2-THIOURIDYLATE)-METHYLTRANS-
 FERASE (EC 2.1.1.61).//5.9E-74//134aa//53%//P44551
 C-HEMBA1003199

C-HEMBA1003222
 C-HEMBA1003235//TROPOMYOSIN.//0.0000023//109aa//33%//Q02088
 C-HEMBA1003250//PROTEIN KINASE APK1A (EC 2.7.1.-).//7.2E-41//245aa//42%//Q06548
 C-HEMBA1003257
 5 C-HEMBA1003281//POLIOVIRUS RECEPTOR PRECURSOR.//6E-11//239aa//32%//P32506
 C-HEMBA1003286//Homo sapiens mRNA for beta-1,4-galactosyltransferase IV, complete cds.//5.4E-229//
 1043bp//99%//AB024436
 C-HEMBA1003291//Homo sapiens mRNA for KIAA0537 protein, complete cds.//0//791bp//99%//AB011109
 C-HEMBA1003322
 10 C-HEMBA1003327
 C-HEMBA1003369//CENTROMERIC PROTEIN E (CENP-E PROTEIN).//0.00000002//248aa//23%//Q02224
 C-HEMBA1003370
 C-HEMBA1003380
 C-HEMBA1003395
 15 C-HEMBA1003402
 C-HEMBA1003408//Homo sapiens mRNA for KIAA0905 protein, complete cds.//0//1732bp//98%//AB020712
 C-HEMBA1003417//Homo sapiens mRNA; cDNA DKFZp586C021 (from clone DKFZp586C021).//1.6e-312//
 1414bp//99%//AL050287
 C-HEMBA1003418//TRICHOHYALIN.//8.7E-19//281aa//31%//P37709
 20 C-HEMBA1003433//Homo sapiens gene for NBS1, complete cds.//0//511bp//94%//AB013139
 C-HEMBA1003447
 C-HEMBA1003461
 C-HEMBA1003463
 C-HEMBA1003528
 25 C-HEMBA1003545//INSULIN GENE ENHANCER PROTEIN ISL-2 (ISLET-2).//8.8E-189//360aa//96%//P50480
 C-HEMBA1003555//NUCLEOTIDE-BINDING PROTEIN (NBP).//2.1E-68//251aa//52%//P53384
 C-HEMBA1003560//GUANINE NUCLEOTIDE-BINDING PROTEIN G(I)/G(S)/G(O) GAMMA-2 SUBUNIT (G GAM-
 MA-I).//1.2E-31//71aa//100%//P16874
 C-HEMBA1003568//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A)).//7.9E-
 30 49//279aa//32%//P19474
 C-HEMBA1003569//METASTASIS-ASSOCIATED PROTEIN MTA1.//6.9E-206//445aa//74%//Q13330
 C-HEMBA1003581//TALIN.//4.4E-45//52aa//98%//P26039
 C-HEMBA1003591//CHLOROPLAST 28 KD RIBONUCLEOPROTEIN PRECURSOR (28RNP).//4.4E-10//118aa//
 35 35%//P19682
 C-HEMBA1003615
 C-HEMBA1003617//Homo sapiens HRIHFB2157 mRNA, partial cds.//8.2E-178//501bp//97%//AB015344
 C-HEMBA1003621
 C-HEMBA1003662//TBX2 PROTEIN (T-BOX PROTEIN 2).//1.2E-75//151aa//99%//Q13207
 C-HEMBA1003690//HISTONE DEACETYLASE HDA1.//2.1E-59//249aa//47%//P53973
 40 C-HEMBA1003711
 C-HEMBA1003807
 C-HEMBA1003864
 C-HEMBA1003953//ZINC FINGER PROTEIN MFG-1 (ZINC FINGER PROTEIN 58) (FRAGMENT).//3.8E-16//
 89aa//46%//P16372
 45 C-HEMBA1003959
 C-HEMBA1003989
 C-HEMBA1004074
 C-HEMBA1004097//Mus musculus putative transcription factor mRNA, complete cds.//8.5E-221//1188bp//78%//
 AF091234
 50 C-HEMBA1004146
 C-HEMBA1004199//Homo sapiens mRNA for KIAA0928 protein, partial cds.//0//1893bp//98%//AB023145
 C-HEMBA1004207//Homo sapiens leptin receptor short form (db) mRNA, complete cds.//0//1892bp//99%//U50748
 C-HEMBA1004227//Rattus norvegicus protein phosphatase 2C mRNA, complete cds.//5.7E-217//1217bp//88%//
 AF095927
 55 C-HEMBA1004246
 C-HEMBA1004276//Homo sapiens AP-4 adaptor complex beta4 subunit mRNA, complete cds.//4.8E-257//738bp//
 99%//AF092094
 C-HEMBA1004289

EP 1 074 617 A2

C-HEMBA1004509//Homo sapiens CGI-21 protein mRNA, complete cds.//0//1512bp//96%//AF132955
 C-HEMBA1004534//Homo sapiens gamma-filamin (ABPL) mRNA, complete cds.//1.2e-316//1445bp//99%//
 AF089841
 C-HEMBA1004596
 5 C-HEMBA1004693
 C-HEMBA1004736
 C-HEMBA1004753
 C-HEMBA1004756//Human transporter protein (g17) mRNA, complete cds.//9.1E-34//515bp//66%//U49082
 C-HEMBA1004758//Homo sapiens transcription factor SL1 mRNA, complete cds.//2.6E-246//1249bp//94%//
 10 L39060
 C-HEMBA1004763
 C-HEMBA1004768//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//5.4E-111//314aa//58%//P08547
 C-HEMBA1004771
 C-HEMBA1004776
 15 C-HEMBA1004795//CDC4-LIKE PROTEIN (FRAGMENT).//3.8E-69//198aa//66%//P50851
 C-HEMBA1004806
 C-HEMBA1004847//SIGNAL RECOGNITION PARTICLE 68 KD PROTEIN (SRP68).//8.2E-154//317aa//94%//
 Q00004
 C-HEMBA1004850
 20 C-HEMBA1004863//Homo sapiens mRNA; cDNA DKFZp586M2022 (from clone DKFZp586M2022).//0//1443bp//
 100%//AL080114
 C-HEMBA1004923
 C-HEMBA1004929
 C-HEMBA1004930//26S PROTEASOME SUBUNIT S5B (KIAA0072) (HA1357).//3.3E-27//65aa//100%//Q16401
 25 C-HEMBA1004933
 C-HEMBA1004954
 C-HEMBA1004972//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT PROTEIN) (NF-H).//
 0.00000096//286aa//23%//P12036
 C-HEMBA1005475
 30 C-HEMBA1005581//Homo sapiens SLIT2 (SUL2) mRNA, complete cds.//0//1721bp//100%//AF133270
 C-HEMBA1006248//ZINC FINGER PROTEIN MFG-1 (ZINC FINGER PROTEIN 58) (FRAGMENT).//8.6E-23//
 151aa//37%//P16372
 C-HEMBA1006310//Rattus norvegicus cytosolic sorting protein PACS-1a (PACS-1) mRNA, complete cds.//3.7E-
 225//1189bp//88%//AF076183
 35 C-HEMBA1006344//RADIXIN.//1.5E-31//333aa//28%//P26043
 C-HEMBA1006377
 C-HEMBA1006467
 C-HEMBA1006474//40 KD PROTEIN.//1.4E-39//292aa//34%//Q01552
 C-HEMBA1006530
 40 C-HEMBA1006737//ANKYRIN, BRAIN VARIANT 2 (ANKYRIN B) (ANKYRIN, NONERYTHROID) (FRAGMENT).//
 0.000000043//111aa//40%//Q01485
 C-HEMBA1006795
 C-HEMBA1006877//OXYSTEROL-BINDING PROTEIN.//2E-59//378aa//39%//P16258
 C-HEMBA1006936
 45 C-HEMBA1007018//Homo sapiens dynein light chain-A mRNA, complete cds.//1.5E-267//1215bp//99%//
 AP078849
 C-HEMBA1007342
 C-HEMBA1000008
 C-HEMBA1000018
 50 C-HEMBA1000024
 C-HEMBA1000025
 C-HEMBA1000036
 C-HEMBA1000037//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds.//2.8E-187//
 1582bp//80%//AF084928
 55 C-HEMBA1000083//MYOSIN LIGHT CHAIN KINASE, SMOOTH MUSCLE AND NON-MUSCLE ISOZYMES (EC
 2.7.1.117) (MLCK) [CONTAINS: TELOKIN].//1.9E-22//426aa//25%//P11799
 C-HEMBA1000103
 C-HEMBA1000119//Homo sapiens ASMTL gene.//0//1891bp//99%//Y15521

C-HEMBB1000136
 C-HEMBB1000215
 C-HEMBB1000226//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE EEED8.5.//
 2.7E-12//112aa//47%//Q09530
 5 C-HEMBB1000244
 C-HEMBB1000266//HYPOTHETICAL 54.5 KD TRP-ASP REPEATS CONTAINING PROTEIN ZC302.2 IN CHRO-
 MOSOME V.//6.1E-09//242aa//26%//Q23256
 C-HEMBB1000338
 C-HEMBB1000339
 10 C-HEMBB1000391
 C-HEMBB1000438
 C-HEMBB1000449
 C-HEMBB1000589
 C-HEMBB1000591
 15 C-HEMBB1000623
 C-HEMBB1000630
 C-HEMBB1000631//LONGEVITY-ASSURANCE PROTEIN 1 (LONGEVITY ASSURANCE FACTOR 1).//4.1E-19//
 232aa//28%//P78970
 C-HEMBB1000632//GUANINE NUCLEOTIDE RELEASING PROTEIN (GNRP).//2.2E-28//273aa//31%//P27671
 20 C-HEMBB1000671
 C-HEMBB1000673
 C-HEMBB1000705
 C-HEMBB1000706
 C-HEMBB1000725//Rattus norvegicus GTPase Rab8b (Rab8b) mRNA, complete cds.//6.2E-130//692bp//93%//
 25 U53475
 C-HEMBB1000763//Homo sapiens CGI-89 protein mRNA, complete cds.//0//1676bp//96%//AF151847
 C-HEMBB1000781//Homo sapiens mitogen-activated protein kinase kinase kinase MEKK2 mRNA, complete cds.//
 1.2E-126//613bp//97%//AF111105
 C-HEMBB1000789//PUTATIVE 90.2 KD ZINC FINGER PROTEIN IN CCA1-ADK2 INTERGENIC REGION.//5.1E-
 30 54//232aa//43%//P39956
 C-HEMBB1000807
 C-HEMBB1000810
 C-HEMBB1000848
 C-HEMBB1000852
 35 C-HEMBB1000870
 C-HEMBB1000887
 C-HEMBB1000908
 C-HEMBB1000927//Homo sapiens calsenilin mRNA, complete cds.//1.1E-70//595bp//76%//AF120102
 C-HEMBB1000947//Homo sapiens clone HAW 100 putative ribonuclease III mRNA, complete cds.//0//2292bp//
 40 99%//AF116910
 C-HEMBB1000973//Mus musculus schlafen3 (Slfn3) mRNA, complete cds.//3.4E-120//580bp//67%//AF099974
 C-HEMBB1000975
 C-HEMBB1000985//MEPP PROTEIN (MURINE IAP-PROMOTED PLACENTA-EXPRESSED PROTEIN).//8.6E-
 18//178aa//30%//P28575
 45 C-HEMBB1000991
 C-HEMBB1001011//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.4E-73//230aa//45%//
 P51523
 C-HEMBB1001014
 C-HEMBB1001024
 50 C-HEMBB1001056//PROLIFERATING-CELL NUCLEOLAR ANTIGEN P120 (PROLIFERATION-ASSOCIATED
 NUCLEOLAR PROTEIN P120).//2.9E-19//264aa//34%//P46087
 C-HEMBB1001058//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds.//3.6E-52//331bp//
 80%//AF010144
 C-HEMBB1001068//Homo sapiens liprin-beta2 mRNA, partial cds.//2.4E-307//1447bp//97%//AF034803
 55 C-HEMBB1001096
 C-HEMBB1001105
 C-HEMBB1001117
 C-HEMBB1001126

C-HEM BB1001137//Homo sapiens mRNA for putative phospholipase, complete cds.//0//3069bp//99%//AB019435
 C-HEM BB1001151//Rattus norvegicus golgi stacking protein homolog GRASP55 mRNA, complete cds.//4.2E-
 210//1835bp//76%//AF110267
 C-HEM BB1001153
 5 C-HEM BB1001169
 C-HEM BB1001175//ANKYRIN.//6.9E-11//169aa//31%//Q02357
 C-HEM BB1001182
 C-HEM BB1001199
 C-HEM BB1001210//Homo sapiens mRNA for KIAA0970 protein, complete cds.//0//1816bp//99%//AB023187
 10 C-HEM BB1001242//Homo sapiens topoisomerase-related function protein (TRF4-2) mRNA, partial cds.//1.8E-
 284//713bp//100%//AF089897
 C-HEM BB1001288//Homo sapiens CGI-32 protein mRNA, complete cds.//1.8E-274//642bp//99%//AF132966
 C-HEM BB1001289
 C-HEM BB1001294//GTP-BINDING PROTEIN TC10.//1.2E-79//196aa//80%//P17081
 15 C-HEM BB1001314//Mus musculus Olf-1/EBF-like-3 transcription factor (O/E-3) mRNA, complete cds.//1.3E-129//
 724bp//86%//U92703
 C-HEM BB1001331
 C-HEM BB1001339//DXS8237E PROTEIN (FRAGMENT).//0.0000046//124aa//37%//P98175
 C-HEM BB1001346//Homo sapiens phenylalanine-tRNA synthetase (FARS1) mRNA, nuclear gene encoding mi-
 20 tochondrial protein, complete cds.//1.1E-58//292bp//99%//AF097441
 C-HEM BB1001369
 C-HEM BB1001384//Homo sapiens COP9 complex subunit 4 mRNA, complete cds.//0//1586bp//99%//AF100757
 C-HEM BB1001387
 C-MAMMA1002317
 25 C-MAMMA1002319
 C-MAMMA1002385//RIBONUCLEOPROTEIN RB97D.//0.00000015//206aa//29%//Q02926
 C-NT2RM1000080//UNC-1 PROTEIN.//5.9E-25//211aa//31%//Q21190
 C-NT2RM1000242
 C-NT2RM1000257//MAGO NASHI PROTEIN.//7.9E-69//143aa//91%//P49028
 30 C-NT2RM1000280//VACUOLAR ATP SYNTHASE SUBUNIT D (EC 3.6.1.34) (V-ATPASE D SUBUNIT) (V-AT-
 PASE 28 KD ACCESSORY PROTEIN).//1.5E-106//118aa//97%//P39942
 C-NT2RM1000669
 C-NT2RM1000781
 C-NT2RM1000867//Homo sapiens HSPC033 mRNA, complete cds.//6.3E-172//798bp//99%//AF092138
 35 C-NT2RM1001008
 C-NT2RM1001044//Homo sapiens HSPC031 mRNA, complete cds.//0.000000002//980bp//95%//AF085360
 C-NT2RM1001074
 C-NT2RM1001115//ENDOCHITINASE 2 PRECURSOR (EC 3.2.1.14).//0.0000056//239aa//27%//
 C-NT2RM2000006//Human DNA sequence from clone 796F18 on chromosome 1p36.11-36.33 Contains a pseu-
 40 dogene similar to MMS2, ESTs and GSSs, complete sequence.//0//1740bp//99%//AL031291
 C-NT2RM2000013//DNA-DIRECTED RNA POLYMERASE III 128 KD POLYPEPTIDE (EC 2.7.7.6) (RNA
 POLYMERASE III SUBUNIT 2).//2.2E-144//362aa//71%//P25167
 C-NT2RM2000030//DYNEIN INTERMEDIATE CHAIN, CYTOSOLIC (DH IC) (CYTOPLASMIC DYNEIN INTER-
 MEDIATE CHAIN).//0.00000043//136aa//31%//P54703
 45 C-NT2RM2000032
 C-NT2RM2000042
 C-NT2RM2000092//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 8 (EC 3.1.2.15) (UBIQUITIN THI-
 OLESTERASE 8) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 8) (DEUBIQUITINATING ENZYME 8).//
 1.3E-36//160aa//40%//P50102
 50 C-NT2RM2000093
 C-NT2RM2000101
 C-NT2RM2000191//Homo sapiens cGMP phosphodiesterase A1 (PDE9A) mRNA, complete cds.//0//1574bp//
 99%//AF067223
 C-NT2RM2000192
 55 C-NT2RM2000239
 C-NT2RM2000250//Homo sapiens mRNA; cDNA DKFZp564L232 (from clone DKFZp564L232).//4.2E-314//
 1416bp//100%//AL080069
 C-NT2RM2000259

C-NT2RM2000260//EXTENSIN PRECURSOR (PROLINE-RICH GLYCOPROTEIN).//3.6E-19//181-aa//34%//
 P14918
 C-NT2RM2000287
 C-NT2RM2000322//Homo sapiens mRNA for KIAA0859 protein, complete cds.//3.4E-294//863bp//99%//
 5 AB020666
 C-NT2RM2000359//Homo sapiens mRNA for KIAA0560 protein, complete cds.//0//1637bp//99%//AB011132
 C-NT2RM2000363//BREAKPOINT CLUSTER REGION PROTEIN.//1.8E-14//245aa//29%//P11274
 C-NT2RM2000368//Homo sapiens protein kinase C-binding protein RACK7 mRNA, partial cds.//0//1506bp//99%//
 U48251
 10 C-NT2RM2000371//POLYRIBONUCLEOTIDE NUCLEOTIDYLTRANSFERASE (EC 2.7.7.8) (POLYNUCLE-
 OTIDE//1.7E-68//419aa//36%//P50849
 C-NT2RM2000374
 C-NT2RM2000395
 C-NT2RM2000402//ENDOSOMAL P24A PROTEIN PRECURSOR (70 KD ENDOMEMBRANE PROTEIN) (PHE-
 15 ROMONE ALPHA-FACTOR TRANSPORTER) (ACIDIC 24 KD LATE ENDOCYTIC INTERMEDIATE COMPO-
 NENT).//1.6E-54//344aa//33%//P32802
 C-NT2RM2000407
 C-NT2RM2000422//SODIUM- AND CHLORIDE-DEPENDENT TRANSPORTER NTT73.//1E-222//237aa//89%//
 Q08469
 20 C-NT2RM2000452//HYPOTHETICAL 63.6 KD PROTEIN IN YPT52-GCN3 INTERGENIC REGION.//0.0000001//
 157aa//28%//P36113
 C-NT2RM2000469//NITROGEN PERMEASE REACTIVATOR PROTEIN (EC 2.7.1.-).//0.0000089//377aa//24%//
 P22211
 C-NT2RM2000490//SYNAPTOTAGMIN(P65).//1.8E-13//166aa//34%//P41823
 25 C-NT2RM2000502
 C-NT2RM2000504//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds.//0//1673bp//99%//AF061243
 C-NT2RM2000522//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN).//1.3E-12//282aa//
 32%//P17437
 C-NT2RM2000540
 30 C-NT2RM2000567
 C-NT2RM2000569
 C-NT2RM2000577//ISOLEUCYL-TRNA SYNTHETASE (EC 6.1.1.5) (ISOLEUCINE-TRNA LIGASE) (ILERS).//
 1.7E-187//741aa//46%//P73505
 C-NT2RM2000581//Homo sapiens mRNA for KIAA0214 protein, complete cds.//0//3001bp//99%//D86987
 35 C-NT2RM2000588//HISTONE DEACETYLASE HDA1.//2.8E-60//384aa//40%//P53973
 C-NT2RM2000594//Homo sapiens DNA cytosine-5 methyltransferase 3 beta 3 (DNMT3B) mRNA, complete cds.//
 0//2712bp//99%//AF156487
 C-NT2RM2000599//Homo sapiens F-box protein Lilina (LILINA) mRNA, complete cds.//4.9E-70//838bp//69%//
 AF179221
 40 C-NT2RM2000624//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR
 SRP75).//4.4E-32//319aa//35%//Q08170
 C-NT2RM2000635//Homo sapiens mRNA for KIAA0729 protein, partial cds.//0//3791bp//99%//AB018272
 C-NT2RM2000636//Homo sapiens mRNA for KIAA0658 protein, partial cds.//0//2530bp//99%//AB014558
 C-NT2RM2000639
 45 C-NT2RM2000649//Homo sapiens mRNA for KIAA0676 protein, partial cds.//0//1543bp//99%//AB014576
 C-NT2RM2000669
 C-NT2RM2000691//ACTIN-LIKE PROTEIN 3 (ACTIN-2).//3.7E-142//285aa//90%//P32391
 C-NT2RM2000714//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP1).//3.8E-23//184aa//
 36%//Q15404
 50 C-NT2RM2000718//Homo sapiens HRIHFB2436 mRNA, partial cds.//4.4E-231//1065bp//99%//AB015342
 C-NT2RM2000740//POSSIBLE GLOBAL TRANSCRIPTION ACTIVATOR SNF2L.//5.7E-53//266aa//43%//
 P41877
 C-NT2RM2000795
 C-NT2RM2000821//COATOMER BETA SUBUNIT (BETA-COAT PROTEIN) (BETACOP).//9.5E-279//545aa//
 55 98%//P23514
 C-NT2RM2000837
 C-NT2RM2000951//Homo sapiens XYLB mRNA for xylulokinase, complete cds.//1.7E-200//927bp//99%//
 AB015046

C-NT2RM2000952
 C-NT2RM2000984
 C-NT2RM2001004
 C-NT2RM2001035//CCR4-ASSOCIATED FACTOR 1 (CAF1).//8.2E-154//285aa//99%//Q60809
 5 C-NT2RM2001065
 C-NT2RM2001100//HYPOTHETICAL 39.7 KD PROTEIN C34E10.2 IN CHROMOSOME III.//2.4E-15//266aa//
 26%//P46577
 C-NT2RM2001131
 C-NT2RM2001141
 10 C-NT2RM2001152
 C-NT2RM2001177//Homo sapiens mRNA; cDNA DKFZp586G1822 (from clone DKFZp586G1822).//2.1E-293//
 1335bp//99%//AL080109
 C-NT2RM2001194
 C-NT2RM2001196//PROLINE-RICH PROTEIN MP-3 (FRAGMENT).//1.3E-20//267aa//35%//P05143
 15 C-NT2RM2001201//EUKARYOTIC TRANSLATION INITIATION FACTOR 5 (EIF5).//0.00000015//95aa//35%//
 P48724
 C-NT2RM2001221//KALIRIN (PAM COOH-TERMINAL INTERACTOR PROTEIN 10) (PCIP10).//3.6E-10//177aa//
 32%//P97924
 C-NT2RM2001238//GLUTAMINASE, KIDNEY ISOFORM PRECURSOR (EC 3.5.1.2) (GLS) (L-GLUTAMINE AMI-
 20 DOHYDROLASE).//1.3E-180//328aa//99%//P13264
 C-NT2RM2001243
 C-NT2RM2001247
 C-NT2RM2001256//PROTEIN TSG24 (MEIOTIC CHECK POINT REGULATOR).//1.6E-166//312aa//98%//
 P53995
 25 C-NT2RM2001291
 C-NT2RM2001306//Homo sapiens mRNA; cDNA DKFZp564I052 (from clone DKFZp564I052).//0//1694bp//99%//
 AL080063
 C-NT2RM2001312
 C-NT2RM2001319
 30 C-NT2RM2001324//ZYGXIN.//6.8E-55//200aa//41%//Q04584
 C-NT2RM2001345//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E1.//0.000000029//334aa//22%//000808
 C-NT2RM2001370
 C-NT2RM2001393
 C-NT2RM2001420
 35 C-NT2RM2001424//Homo sapiens mRNA; cDNA DKFZp586D0920 (from clone DKFZp586D0920).//0//1621bp//
 100%//AL050146
 C-NT2RM2001499//LOW-AFFINITY CATIONIC AMINO ACID TRANSPORTER-2 (CAT-2) (CAT2).//7.4E-121//
 437aa//57%//P52569
 C-NT2RM2001504
 40 C-NT2RM2001524
 C-NT2RM2001544
 C-NT2RM2001547//PROBABLE PROTEIN DISULFIDE ISOMERASE P5 PRECURSOR (EC 5.3.4.1).//6.9E-27//
 90aa//42%//P38660
 C-NT2RM2001575//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SSA)) (RO(SS-A)).//4.3E-
 45 61//312aa//44%//P19474
 C-NT2RM2001582
 C-NT2RM2001886//Homo sapiens mRNA for KIAA0710 protein, complete cds.//0//1000bp//100%//AB014610
 C-NT2RM2001896//CELL DIVISION PROTEIN FTSJ.//5.1E-26//204aa//34%//P28692
 C-NT2RM2001903//Homo sapiens mRNA for KIAA0462 protein, partial cds.//0//2390bp//99%//AB007931
 50 C-NT2RM2001930
 C-NT2RM2001935
 C-NT2RM2001936//32.3 KD PROTEIN IN CWP1-MBR1 INTERGENIC REGION.//2.7E-27//216aa//34%//P28320
 C-NT2RM2001950//HYPOTHETICAL 105.9 KD PROTEIN IN AAC3-RFC5 INTERGENIC REGION.//0.0000001//
 212aa//23%//P38250
 55 C-NT2RM2001982
 C-NT2RM2001989//NUCLEOLAR PROTEIN NOP4 (NUCLEOLAR PROTEIN NOP77).//1.9E-39//253aa//35%//
 P37838
 C-NT2RM2001997//PROTEIN DISULFIDE ISOMERASE PRECURSOR (PDI) (EC 5.3.4.1).//1.3E-10//232aa//

28%//Q12730
 C-NT2RM2001998//HYPOTHETICAL 85.7 KD PROTEIN C13G6.03 IN CHROMOSOME I.//3.1E-12//206aa//
 30%//Q09782
 C-NT2RM2002004//LA PROTEIN HOMOLOG (LA RIBONUCLEOPROTEIN) (LA AUTOANTIGEN HOMOLOG).//
 5 0.000000029//83aa//44%//P40796
 C-NT2RM2002014//HYPOTHETICAL 81.4 KD PROTEIN IN GREB-FEOA INTERGENIC REGION.//1.1E-89//
 425aa//41%//P46837
 C-NT2RM2002030//Homo sapiens mRNA for Glutamine:fructose-6-phosphate amidotransferase, complete cds.//
 0//1959bp//99%//AB016789
 10 C-NT2RM2002049
 C-NT2RM2002055//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS13.//0.00000099//338aa//
 24%//Q07878
 C-NT2RM2002088//PUTATIVE HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN X (HNRNP X) (CBP).//
 5E-62//104aa//57%//Q61990
 15 C-NT2RM2002091
 C-NT2RM2002100//Homo sapiens mRNA for ATP-dependent RNA helicase, partial.//0//1807bp//99%//AJ010840
 C-NT2RM2002109//Homo sapiens glioma amplified on chromosome 1 protein (GAC1) mRNA, complete cds.//0//
 1868bp//99%//AF030435
 C-NT2RM2002128//PUTATIVE SERINE/THREONINE-PROTEIN KINASE PKWA (EC 2.7.1.-).//4.9E-13//487aa//
 20 26%//P49695
 C-NT2RM2002142//GASTRULATION SPECIFIC PROTEIN G12.//8E-31//105aa//47%//P47805
 C-NT2RM2002178//Homo sapiens mRNA; cDNA DKFZp434E0335 (from clone DKFZp434E0335).//0//1683bp//
 99%//AL117402
 C-NT2RM4000024//DNA-DIRECTED RNA POLYMERASE III 128 KD POLYPEPTIDE (EC 2.7.7.6) (RNA
 25 POLYMERASE III SUBUNIT 2).//7.1E-155//381aa//72%//P25167
 C-NT2RM4000061
 C-NT2RM4000104//ZINC FINGER PROTEIN 135.//1.5E-81//251aa//53%//P52742
 C-NT2RM4000139//R. norvegicus trg mRNA.//2.3E-114//1161bp//72%//X68101
 C-NT2RM4000169//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//4.8E-13//686aa//23%//
 30 P25386
 C-NT2RM4000191//PUTATIVE ATP-DEPENDENT RNA HELICASE PL10.//9.2E-75//439aa//41%//P16381
 C-NT2RM4000197
 C-NT2RM4000210//Homo sapiens mRNA for KIAA0712 protein, complete cds.//0//1926bp//100%//AB018255
 C-NT2RM4000229//Gallus gallus actin filament-associated protein (AFAP-110) mRNA, complete cds.//1.1E-27//
 35 633bp//64%//L20303
 C-NT2RM4000290//Human transducin-like enhancer protein (TLE3) mRNA, complete cds.//2.2E-276//1124bp//
 97%//M99438
 C-NT2RM4000344//Homo sapiens mRNA for ATP-dependent metalloprotease YME1L.//0//2030bp//99%//
 AJ132637
 40 C-NT2RM4000349//Homo sapiens HSPC028 mRNA, complete cds.//0//1827bp//99%//AF083246
 C-NT2RM4000354//LETHAL(2)DENTICLELESS PROTEIN (DTL83 PROTEIN).//1.5E-21//208aa//35%//Q24371
 C-NT2RM4000386//Mus musculus mRNA for Ten-m3, complete cds.//0//2156bp//86%//AB025412
 C-NT2RM4000395
 C-NT2RM4000421//Homo sapiens mRNA for nuclear transport receptor.//0//1730bp//99%//AJ133769
 45 C-NT2RM4000457//HYPOTHETICAL 111.9 KD PROTEIN C22H10.03C IN CHROMOSOME I.//8E-20//393aa//
 24%//Q10297
 C-NT2RM4000471//Homo sapiens cysteine desulfurase (nifS) mRNA, complete cds.//0//2092bp//99%//AF097025
 C-NT2RM4000486//SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONES CP3, CP4 AND CP5) [CON-
 TAINS: BASIC PEPTIDE IB-6; PEPTIDE P-H].//4.8E-11//242aa//31%//P04280
 50 C-NT2RM4000496//SAP1 PROTEIN.//8.3E-53//434aa//29%//P39955
 C-NT2RM4000511
 C-NT2RM4000515//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT PROTEIN) (NF-H)
 (FRAGMENT).//1.1E-11//394aa//24%//P16884
 C-NT2RM4000520
 55 C-NT2RM4000585
 C-NT2RM4000595//Homo sapiens leucine-rich repeats containing F-box protein FBL3 mRNA, complete cds.//
 1.1E-285//1293bp//99%//AF186273
 C-NT2RP1000018//Homo sapiens mRNA for KIAA0687 protein, partial cds.//0//1940bp//95%//AB014587

C-NT2RP1000035//Homo sapiens mRNA for KIAA0850 protein, complete cds.//0//1652bp//99%//AB020657
 C-NT2RP1000040
 C-NT2RP1000063
 C-NT2RP1000086//H.sapiens mRNA for zinc finger protein, Hsa12.//0//1162bp//99%//X98834
 5 C-NT2RP1000101
 C-NT2RP1000111//COP1 REGULATORY PROTEIN.//4E-116//296aa//51%//P93471
 C-NT2RP1000112
 C-NT2RP1000124
 C-NT2RP1000130//HEPATOMA-DERIVED GROWTH FACTOR (HDGF).//4.5E-50//181aa//60%//P51859
 10 C-NT2RP1000163//Homo sapiens mRNA for KIAA0948 protein, complete cds.//0//1889bp//98%//AB023165
 C-NT2RP1000170
 C-NT2RP1000191
 C-NT2RP1000202//ANKYRIN.//1E-25//302aa//34%//Q02357
 C-NT2RP1000243
 15 C-NT2RP1000259
 C-NT2RP1000272//Homo sapiens TLS-associated protein TASR-2 mRNA, complete cds.//5.8E-114//616bp//93%//AF067730
 C-NT2RP1000326//Homo sapiens metaxin 2 (MTX2) mRNA, nuclear gene encoding mitochondrial protein, complete cds.//1.3E-275//1249bp//99%//AF053551
 20 C-NT2RP1000333//ANTI-SILENCING PROTEIN 1.//8.7E-47//155aa//58%//P32447
 C-NT2RP1000348//REDUCED VIABILITY UPON STARVATION PROTEIN 161.//1.7E-15//162aa//30%//P25343
 C-NT2RP1000357
 C-NT2RP1000376//Homo sapiens mRNA; cDNA DKFZp434A102 (from clone DKFZp434A102).//0//2265bp//95%//AL080187
 25 C-NT2RP1000413//Homo sapiens mRNA for KIAA0587 protein, complete cds.//0//1056bp//99%//AB011159
 C-NT2RP1000416
 C-NT2RP1000439//Xenopus laevis chromosome condensation protein XCAP-G mRNA, complete cds.//1.8E-94//1019bp//63%//AF111423
 C-NT2RP1000443//QUINONE OXIDOREDUCTASE (EC 1.6.5.5) (NADPH:QUINONE REDUCTASE) (ZETA-CRYSTALLIN).//2.4E-10//227aa//25%//Q08257
 30 C-NT2RP1000470//PUTATIVE ATP-DEPENDENT RNA HELICASE T26G10.1 IN CHROMOSOME III.//2.6E-94//254aa//47%//P34580
 C-NT2RP1000478//TUBULIN BETA-5 CHAIN (CLASS-V).//4.5E-240//445aa//97%//P09653
 C-NT2RP1000481
 35 C-NT2RP1000493//Homo sapiens mRNA for KIAA0017 protein, complete cds.//0//2728bp//99%//D87686
 C-NT2RP1000547//COP-COATED VESICLE MEMBRANE PROTEIN P24 PRECURSOR (FRAGMENT).//1.1E-27//193aa//35%//P49020
 C-NT2RP1000574//HOMEBOX PROTEIN MEIS2 (MEIS1-RELATED PROTEIN 1).//3.5E-75//151aa//94%//P97367
 40 C-NT2RP1000581
 C-NT2RP1000630//NECDIN.//2.4E-44//227aa//41%//P25233
 C-NT2RP1000688
 C-NT2RP1000695
 C-NT2RP1000733//Human mRNA for GSPT1-TK protein, complete cds.//0//2057bp//99%//E14379
 45 C-NT2RP1000738//Homo sapiens Wolf-Hirschhorn syndrome candidate 2 protein (WHSC2) mRNA, complete cds.//0//2186bp//99%//AF101434
 C-NT2RP1000782//PLATELET-ENDOTHELIAL TETRASPAN ANTIGEN 3 (PETA-3) (GP27) (MEMBRANE GLYCOPROTEIN SFA-1) (CD151 ANTIGEN).//1.2E-30//232aa//30%//O35566
 C-NT2RP1000825//GTPASE-ACTIVATING PROTEIN RHOGAP (RHO-RELATED SMALL GTPASE PROTEIN ACTIVATOR) (CDC42 GTPASE-ACTIVATING PROTEIN) (P50-RHOGAP).//8.2E-83//334aa//50%//Q07960
 50 C-NT2RP1000833//Homo sapiens cGMP phosphodiesterase A1 (PDE9A) mRNA, complete cds.//0//1494bp//99%//AF067223
 C-NT2RP1000846
 C-NT2RP1000851
 55 C-NT2RP1000856//PLATELET-ENDOTHELIAL TETRASPAN ANTIGEN 3 (PETA-3) (GP27) (MEMBRANE GLYCOPROTEIN SFA-1) (CD151 ANTIGEN).//1.2E-30//232aa//30%//O35566
 C-NT2RP1000915//AUTOANTIGEN NGP-1.//1.7E-19//343aa//25%//Q13823
 C-NT2RP1000947//Human E2 ubiquitin conjugating enzyme UbcH5B (UBCH5B) mRNA, complete cds.//4.6E-

105//504bp//99%//U39317
 C-NT2RP1000954//RING CANAL PROTEIN (KELCH PROTEIN).//1.4E-23//370aa//28%//Q04652
 C-NT2RP1000958//AUTOANTIGEN NGP-1.//1.4E-19//343aa//25%//Q13823
 C-NT2RP1000959//Human acidic ribosomal phosphoprotein P0 mRNA, complete cds.//2.5E-236//966bp//99%//
 5 M17885
 C-NT2RP1000966//NUCLEOLIN (PROTEIN C23).//8.9E-299//554aa//99%//P19338
 C-NT2RP1000980
 C-NT2RP1000988
 C-NT2RP1001011//Drosophila melanogaster putative 43 kDa protein (TH1) mRNA, complete cds.//2.2E-78//
 10 1529bp//61%//L01790
 C-NT2RP1001014
 C-NT2RP1001395
 C-NT2RP1001410//PUTATIVE GTP-BINDING PROTEIN W08E3.3.//8.9E-141//396aa//67%//P91917
 C-NT2RP1001424
 15 C-NT2RP1001449
 C-NT2RP1001457//Homo sapiens partial mRNA for beta-transducin family protein (putative).//1.2E-137//629bp//
 100%//AJ005257
 C-NT2RP1001466
 C-NT2RP1001475
 20 C-NT2RP1001482
 C-NT2RP1001494//MALE STERILITY PROTEIN 2.//7.2E-40//261aa//27%//Q08891
 C-NT2RP1001543//MYO-INOSITOL-1-PHOSPHATE SYNTHASE (EC 5.5.1.4) (IPS).//1.6E-166//506aa//60%//
 P42803
 C-NT2RP1001546//PLATELET-ENDOTHELIAL TETRASPAN ANTIGEN 3 (PETA-3) (GP27) (MEMBRANE GLYC-
 25 OPROTEIN SFA-1) (CD151 ANTIGEN).//1.6E-30//232aa//30%//O35566
 C-NT2RP1001569//SIGNAL RECOGNITION PARTICLE RECEPTOR BETA SUBUNIT (SR-BETA).//5.8E-121//
 271aa//89%//P47758
 C-NT2RP1001616
 C-NT2RP1001665//CALMODULIN.//0.00000051//83aa//30%//P02594
 30 C-NT2RP2000006//DNAJ PROTEIN (40 KD HEAT SHOCK CHAPERONE PROTEIN) (HSP40).//9.8E-17//79aa//
 55%//O34136
 C-NT2RP2000007
 C-NT2RP2000008//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//2.4E-177//726aa//47%//
 P51523
 35 C-NT2RP2000032//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP1).//1.8E-22//184aa//
 34%//Q01730
 C-NT2RP2000045//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1) mRNA, complete cds.//
 0//1390bp//98%//AF061749
 C-NT2RP2000054
 40 C-NT2RP2000056//PROTEIN-TYROSINE PHOSPHATASE EPSILON PRECURSOR (EC 3.1.3.48) (R-PTP- EP-
 SILON).//9.4E-16//45aa//100%//P49446
 C-NT2RP2000067
 C-NT2RP2000070//CADHERIN-RELATED TUMOR SUPPRESSOR PRECURSOR (FAT PROTEIN).//3.4E-51//
 383aa//32%//P33450
 45 C-NT2RP2000079
 C-NT2RP2000088//Homo sapiens mRNA for KIAA0795 protein, partial cds.//0//2286bp//100%//AB018338
 C-NT2RP2000091
 C-NT2RP2000097
 C-NT2RP2000114//Homo sapiens mRNA for GM3 synthase, complete cds.//0//2244bp//99%//AB018356
 50 C-NT2RP2000120
 C-NT2RP2000126//POSSIBLE GLOBAL TRANSCRIPTION ACTIVATOR SNF2L.//2.5E-117//541aa//42%//
 P41877
 C-NT2RP2000133//Homo sapiens mRNA for KIAA0989 protein, partial cds.//0//2286bp//99%//AB023206
 C-NT2RP2000147//CLATHRIN COAT ASSEMBLY PROTEIN AP47 (CLATHRIN COAT ASSOCIATED PROTEIN
 55 AP47) (GOLGI ADAPTOR AP-1-47 KD PROTEIN) (HA1 47 KD SUBUNIT) (CLATHRIN ASSEMBLY PROTEIN
 ASSEMBLY PROTEIN COMPLEX 1 MEDIUM CHAIN).//4.4E-226//423aa//99%//P35585
 C-NT2RP2000153//GAR2 PROTEIN.//9.8E-23//311aa//28%//P41891
 C-NT2RP2000157//MLO2 PROTEIN.//2.6E-11//62aa//40%//Q09329

EP 1 074 617 A2

C-NT2RP2000161//Homo sapiens mRNA for KIAA1008 protein, complete cds.//3.4e-315//1430bp//99%//
 AB023225
 C-NT2RP2000173
 C-NT2RP2000175
 5 C-NT2RP2000195
 C-NT2RP2000205
 C-NT2RP2000208//Homo sapiens mRNA for KIAA0892 protein, partial cds.//0//2898bp//99%//AB020699
 C-NT2RP2000224//INSULIN RECEPTOR SUBSTRATE-1 (IRS1).//0.000043//103aa//28%//P35568
 C-NT2RP2000232
 10 C-NT2RP2000233
 C-NT2RP2000239
 C-NT2RP2000248//UDP-N-ACETYLGLUCOSAMINE--PEPTIDE N-ACETYLGLUCOSAMINYLTRANSFERASE
 110 KD SUBUNIT (EC 2.4.1.-) (O-GLCNAC TRANSFERASE P110 SUBUNIT).//3.4E-21//210aa//33%//P56558
 C-NT2RP2000270
 15 C-NT2RP2000274
 C-NT2RP2000283
 C-NT2RP2000288//HYPOTHETICAL 111.9 KD PROTEIN C22H10.03C IN CHROMOSOME I.//1.6E-27//576aa//
 25%//Q10297
 C-NT2RP2000297//ZINC FINGER PROTEIN 184 (FRAGMENT).//3.3E-186//256aa//60%//Q99676
 20 C-NT2RP2000298
 C-NT2RP2000310//Human proline-dehydrogenase/proline oxidase (PRODH) mRNA, complete cds.//4.3E-279//
 1193bp//99%//U82381
 C-NT2RP2000328
 C-NT2RP2000329//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL (EC 2.7.4.10) (AK3).//2E-111//
 25 226aa//92%//P08760
 C-NT2RP2000346//MYELOID DIFFERENTIATION PRIMARY RESPONSE PROTEIN MYD116.//6.3E-115//
 674aa//46%//P17564
 C-NT2RP2000369
 C-NT2RP2000412
 30 C-NT2RP2000414//HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN F (HNRNP F).//4.3E-228//415aa//
 100%//P52597
 C-NT2RP2000422//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds.//0//1757bp//
 99%//AF102265
 C-NT2RP2000438
 35 C-NT2RP2000448//KES1 PROTEIN.//8.7E-54//392aa//38%//P35844
 C-NT2RP2000503
 C-NT2RP2000510
 C-NT2RP2000516
 C-NT2RP2000603
 40 C-NT2RP2000617
 C-NT2RP2000634//Homo sapiens mRNA for KIAA0614 protein, partial cds.//0//2482bp//99%//AB014514
 C-NT2RP2000656
 C-NT2RP2000658
 C-NT2RP2000668//SERINE/THREONINE PROTEIN KINASE PKPA (EC 2.7.1.-).//1.3E-27//349aa//32%//Q01577
 45 C-NT2RP2000704
 C-NT2RP2000710//ASPARTYL-TRNA SYNTHETASE (EC 6.1.1.12) (ASPARTATE--TRNA LIGASE)//2.7E-100//
 488aa//44%//O32038
 C-NT2RP2000764//NIFS PROTEIN.//6.6E-36//252aa//42%//P12623
 C-NT2RP2000809//Homo sapiens mRNA for KIAA0873 protein, partial cds.//0//3347bp//99%//AB020680
 50 C-NT2RP2000812//DILUTE MYOSIN HEAVY CHAIN, NON-MUSCLE (MYOSIN 5A).//0.000000056//179aa//
 29%//Q99104
 C-NT2RP2000814//GELATION FACTOR (ACTIN BINDING PROTEIN 120) (ABP-120).//0.00000011//96aa//29%//
 P13466
 C-NT2RP2000816//MAGNESIUM-CHELATASE 30 KD SUBUNIT.//0.000000079//172aa//28%//P26174
 55 C-NT2RP2000819
 C-NT2RP2000841
 C-NT2RP2000845
 C-NT2RP2000863

EP 1 074 617 A2

C-NT2RP2000880//PROBABLE TRANSLATION INITIATION FACTOR IF-2.//0//694aa//99%//060841
 C-NT2RP2000892
 C-NT2RP2000931//MATRIN 3.//2.4E-289//467aa//95%//P43244
 C-NT2RP2000932//Homo sapiens mRNA; cDNA DKFZp5640043 (from clone DKFZp5640043).//0//2487bp//99%//
 5 AL050390
 C-NT2RP2000938
 C-NT2RP2000943//Homo sapiens mRNA for KIAA0755 protein, complete cds.//0//3458bp//99%//AB018298
 C-NT2RP2000965//Homo sapiens mRNA for fls353, complete cds.//0//1989bp//96%//AB024704
 C-NT2RP2000985
 10 C-NT2RP2001036
 C-NT2RP2001044
 C-NT2RP2001056//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488.//0//2749bp//99%//
 AB007957
 C-NT2RP2001065
 15 C-NT2RP2001070//PUTATIVE PYRIDOXAMINE 5'-PHOSPHATE OXIDASE (EC 1.4.3.5) (PNP/PMP OXIDASE).//
 5.8E-46//222aa//45%//Q20939
 C-NT2RP2001081//SYNAPTOTAGMIN IV.//4.2E-118//430aa//54%//P50232
 C-NT2RP2001094
 C-NT2RP2001119
 20 C-NT2RP2001127//Homo sapiens mRNA for PLU-1 protein.//0//2514bp//99%//AJ132440
 C-NT2RP2001218
 C-NT2RP2001245//MYOSIN HEAVY CHAIN, NONMUSCLE (CELLULAR MYOSIN HEAVY CHAIN) (NMMHC).//
 2.2E-10//366aa//28%//P14105
 C-NT2RP2001381
 25 C-NT2RP2001397//Homo sapiens mRNA; cDNA DKFZp434B174 (from clone DKFZp434B174).//0//1495bp//
 100%//AL080146
 C-NT2RP2001427
 C-NT2RP2001601//Homo sapiens mRNA for KIAA0797 protein, partial cds.//0//1748bp//99%//AB018340
 C-NT2RP2001675
 30 C-NT2RP2001721
 C-NT2RP2001907
 C-NT2RP2001969
 C-NT2RP2001976//Mus musculus calmodulin-binding protein SHA1 (Sha1) mRNA, complete cds.//4.7E-177//
 1538bp//74%//AF062378
 35 C-NT2RP2002046
 C-NT2RP2002154
 C-NT2RP2002208
 C-NT2RP2002270//AF-9 PROTEIN.//0.00000012//74aa//36%//P42568
 C-NT2RP2002312//Homo sapiens mRNA for CDS2 protein.//0//2333bp//99%//Y16521
 40 C-NT2RP2002325//Homo sapiens mRNA for Pex11p, complete cds.//8.4E-254//1158bp//99%//AB015594
 C-NT2RP2002385//Homo sapiens synaptic glycoprotein SC2 spliced variant mRNA, complete cds.//4.3E-240//
 1105bp//99%//AF038958
 C-NT2RP2002426
 C-NT2RP2002479//Homo sapiens mRNA for ABC transporter 7 protein, complete cds.//0//2180bp//99%//
 45 AB005289
 C-NT2RP2002537//HYPOTHETICAL 55.1 KD PROTEIN B0416.5 IN CHROMOSOME X.//6.2E-19//288aa//26%//
 Q11073
 C-NT2RP2002595//PROBABLE CALCIUM-BINDING PROTEIN ALG-2 (PMP41) (ALG-257).//7.5E-35//181aa//
 42%//P12815
 50 C-NT2RP2002618//PROTEIN ARGININE N-METHYLTRANSFERASE 2 (EC 2.1.1.-).//1.7E-51//326aa//38%//
 P55345
 C-NT2RP2002621
 C-NT2RP2002672
 C-NT2RP2002701//HYPOTHETICAL 38.1 KD PROTEIN C2F12.15C IN CHROMOSOME II.//1.9E-14//210aa//
 55 30%//O14345
 C-NT2RP2002769
 C-NT2RP2002862//60S ACIDIC RIBOSOMAL PROTEIN P0 (LIGHT-INDUCED 34 KD PROTEIN).//8.8E-10//
 203aa//27%//P29764

C-NT2RP2002928//Homo sapiens pre-mRNA splicing factor (PRP17) mRNA, complete cds.//1.9E-136//623bp//
 100%//AF038392
 C-NT2RP2002954
 C-NT2RP2002959//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 2 (EC 6.3.2.19) (UBIQUITIN- PROTEIN
 5 LIGASE) (UBIQUITIN CARRIER PROTEIN) (E2(17)KB 2).//4.6E-80//147aa//100%//P51669
 C-NT2RP2002980//30S RIBOSOMAL PROTEIN S10.//0.00000001//98aa//36%//P10129
 C-NT2RP2002986//Homo sapiens mRNA for Kelch motif containing protein, complete cds.//0//2209bp//99%//
 AB026190
 C-NT2RP2003108
 10 C-NT2RP2003117
 C-NT2RP2003121//Mus musculus enhancer of polycomb (Epc1) mRNA, complete eds.//2.3E-82//642bp//68%//
 AF079765
 C-NT2RP2003125//RING CANAL PROTEIN (KELCH PROTEIN).//2.4E-38//539aa//25%//004652
 C-NT2RP2003177
 15 C-NT2RP2003194
 C-NT2RP2003265//Homo sapiens CGI-53 protein mRNA, complete cds.//0//1580bp//99%//AF151811
 C-NT2RP2003295//Homo sapiens RMP mRNA for RPB5 meidating protein, complete cds.//0//1526bp//99%//
 AB006572
 C-NT2RP2003329//PUTATIVE ADENYLATE CYCLASE REGULATORY PROTEIN.//3.6E-14//332aa//32%//
 20 P26337
 C-NT2RP2003367
 C-NT2RP2003433//PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT.//5E-131//269aa//91%//P38378
 C-NT2RP2003446
 C-NT2RP2003533
 25 C-NT2RP2003543//HYPOTHETICAL TRNA/RRNA METHYLTRANSFERASE SLR1673 (EC 2.1.1.-).//1.7E-17//
 148aa//34%//P74261
 C-NT2RP2003596
 C-NT2RP2003629
 C-NT2RP2003687
 30 C-NT2RP2003714//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//5.4E-29//85aa//72%//
 Q05481
 C-NT2RP2003737//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 2 (EC 6.3.2.19) (UBIQUITIN-PROTEIN
 LIGASE) (UBIQUITIN CARRIER PROTEIN) (E2(17)KB 2).//1.7E-75//147aa//93%//P51669
 C-NT2RP2003793
 35 C-NT2RP2003952//AMINOPEPTIDASE B (EC 3.4.11.6) (ARGINYL AMINOPEPTIDASE) (ARGININE AMI-
 NOPEPTIDASE) (CYTOSOL AMINOPEPTIDASE IV) (AP-B).//1.5E-23//200aa//30%//O09175
 C-NT2RP2003986
 C-NT2RP2004042
 C-NT2RP2004316//Homo sapiens chromosome 1 clone J549L20, WORKING DRAFT SEQUENCE, in unordered
 40 pieces.//8.2E-202//926bp//100%//AL096820
 C-NT2RP2004389//PROBABLE MITOCHONDRIAL 40S RIBOSOMAL PROTEIN S9 PRECURSOR.//9.3E-15//
 126aa//39%//P38120
 C-NT2RP2004392//MNN4 PROTEIN.//1.4E-11//143aa//27%//P36044
 C-NT2RP2004463
 45 C-NT2RP2004602
 C-NT2RP2004614//Homo sapiens mRNA for KIAA0922 protein, partial cds.//0//2040bp//99%//AB023139
 C-NT2RP2004655//Homo sapiens mRNA for leucine rich protein.//8.5E-233//1061bp//99%//AJ006291
 C-NT2RP2004689//HYPOTHETICAL 192.5 KD PROTEIN C6G9.10C IN CHROMOSOME I.//5.6E-64//616aa//
 33%//Q92355
 50 C-NT2RP2004791//PUTATIVE LEUCYL-TRNA SYNTHETASE, CYTOPLASMIC (EC 6.1.1.4) (LEUCINE- TRNA
 LIGASE) (LEURS).//9.5E-73//153aa//59%//Q10490
 C-NT2RP2004799//PROBABLE SUCCINYL-COA LIGASE [GDP-FORMING], BETA-CHAIN PRECURSOR (EC
 6.2.1.4) (SUCCINYL-COA SYNTHETASE, BETA CHAIN) (SCS-BETA).//3.7E-135//414aa//62%//P53588
 C-NT2RP2004802
 55 C-NT2RP2004841
 C-NT2RP2004936
 C-NT2RP2004959//P54 PROTEIN PRECURSOR.//0.00000095//297aa//20%//P13692
 C-NT2RP2004999

C-NT2RP2005000
 C-NT2RP2005001//Homo sapiens mRNA for KIAA0615 protein, complete cds.//0//1694bp//99%//AB014515
 C-NT2RP2005012//Homo sapiens mRNA for SEC63 protein.//0//1693bp//99%//AJ011779
 C-NT2RP2005037//ANTI-SILENCING PROTEIN 1.//3.3E-47//155aa//59%//P32447
 5 C-NT2RP2005126//H.sapiens mRNA for RNA helicase (Myc-regulated dead box protein).//0//2388bp//98%//X98743
 C-NT2RP2005140
 C-NT2RP2005147
 C-NT2RP2005159
 10 C-NT2RP2005239//Homo sapiens cysteine desulfurase (nifS) mRNA, complete cds.//0//2087bp//99%//AF097025
 C-NT2RP2005270
 C-NT2RP2005276//Homo sapiens mRNA for Acyl-CoA synthetase 3, complete cds.//0//2122bp//99%//D89053
 C-NT2RP2005293
 C-NT2RP2005315//Homo sapiens mRNA for KIAA0676 protein, partial cds.//0//1515bp//99%//AB014576
 15 C-NT2RP2005358//Homo sapiens methyl-CpG binding domain-containing protein MBD3 (MBD3) mRNA, complete cds.//0//2199bp//99%//AF072247
 C-NT2RP2005393//AUTOANTIGEN NGP-1.//7.2E-39//224aa//35%//Q13823
 C-NT2RP2005436//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR SRP75).//1.2E-13//185aa//38%//Q08170
 20 C-NT2RP2005441
 C-NT2RP2005453
 C-NT2RP2005464
 C-NT2RP2005465//MITOCHONDRIAL CARRIER PROTEIN RIM2.//3E-44//252aa//41%//P38127
 C-NT2RP2005472
 25 C-NT2RP2005495
 C-NT2RP2005498//PROTEIN PHOSPHATASE PP2A, 55 KD REGULATORY SUBUNIT, ALPHA ISOFORM (PROTEIN PHOSPHATASE PP2A B SUBUNIT ALPHA ISOFORM) (ALPHA-PR55).//5.2E-81//166aa//88%//P36876
 C-NT2RP2005509//Homo sapiens CGI-45 protein mRNA, complete cds.//0//1825bp//99%//AF151803
 C-NT2RP2005520//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds.//0//3994bp//99%//AF092563
 30 C-NT2RP2005525//Mus musculus kanadaplin mRNA, complete cds.//2.4E-304//1687bp//85%//AF035526
 C-NT2RP2005540//Homo sapiens mRNA for KIAA0494 protein, complete cds.//0//2856bp//99%//AB007963
 C-NT2RP2005549//PUTATIVE LACTOYLGLUTATHIONE LYASE (EC 4.4.1.5) (METHYLGLYOXALASE) (ALDOKETOMUTASE) (GLYOXALASE I) (GLX I) (KETONE-ALDEHYDE MUTASE) (S-D-LACTOYLGLUTATHIONE METHYLGLYOXAL LYASE).//2E-20//181aa//36%//Q39366
 35 C-NT2RP2005555
 C-NT2RP2005557//Homo sapiens clone 486790 diphosphoinositol polyphosphate phosphohydrolase mRNA, complete cds.//1E-46//576bp//70%//AF062529
 C-NT2RP2005620//Homo sapiens epsin 2a mRNA, complete cds.//8.9e-313//1455bp//98%//AF062085
 40 C-NT2RP2005622
 C-NT2RP2005635//PROBABLE NH(3)-DEPENDENT NAD(+) SYNTHETASE (EC 6.3.5.1).//1E-11//128aa//36%//P47623
 C-NT2RP2005637
 C-NT2RP2005640
 45 C-NT2RP2005654//CYSTEINE STRING PROTEIN (CCCS1).//1.2E-13//74aa//45%//P56101
 C-NT2RP2005669//Homo sapiens mRNA for DEDD protein.//3.9E-209//957bp//99%//AJ010973
 C-NT2RP2005675//Homo sapiens growth suppressor related (DOC-1R) mRNA, complete cds.//4.4E-200//908bp//99%//AF089814
 C-NT2RP2005683
 50 C-NT2RP2005690
 C-NT2RP2005712//Homo sapiens mRNA for KIAA0799 protein, partial cds.//0//1684bp//99%//AB018342
 C-NT2RP2005723//HNRNP ARGININE N-METHYLTRANSFERASE (EC 2.1.1.-) (ODP1 PROTEIN).//0.000000003//169aa//28%//P38074
 C-NT2RP2005748
 55 C-NT2RP2005752//Homo sapiens TNFR-related death receptor-6 (DR6) mRNA, complete cds.//0//1968bp//99%//AF068868
 C-NT2RP2005753//Homo sapiens I-1 receptor candidate protein mRNA, complete cds.//0//1966bp//99%//AF082516

- C-NT2RP2005763//EUKARYOTIC INITIATION FACTOR 4A (EIF-4A).//1.7E-61//374aa//38%/P47943
 C-NT2RP2005767//G.gallus PB1 gene.//5E-163//1158bp//81%/X90849
 C-NT2RP2005773//Homo sapiens pyrroline 5-carboxylate reductase isoform (P5CR2) mRNA, complete cds.//2.7E-180//656bp//99%/AF151351
- 5 C-NT2RP2005775//NEUROLYSIN PRECURSOR (EC 3.4.24.16) (NEUROTENSIN ENDOPEPTIDASE) (MITO-CHONDRIAL OLIGOPEPTIDASE M) (MICROSOMAL ENDOPEPTIDASE) (MEP) (SOLUBLE ANGIOTENSIN-BINDING PROTEIN) (SABP).//2.1E-213//249aa//85%/Q02038
 C-NT2RP2005781
 C-NT2RP2005804
- 10 C-NT2RP2005835//SHP1 PROTEIN.//1.8E-28//208aa//32%/P34223
 C-NT2RP2005853
 C-NT2RP2005868
 C-NT2RP2005886
 C-NT2RP2005890
- 15 C-NT2RP2005901//Homo sapiens mRNA for KIAA0971 protein, complete cds.//0//1977bp//99%/AB023188
 C-NT2RP2005933//NUCLEOPORIN NUP57 (NUCLEAR PORE PROTEIN NUP57).//5E-11//155aa//34%/P48837
 C-NT2RP2006038
 C-NT2RP2006043//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR SRP75).//1.5E-13//185aa//38%/Q08170
- 20 C-NT2RP2006052
 C-NT2RP2006069
 C-NT2RP2006071
 C-NT2RP2006100//Homo sapiens mRNA; cDNA DKFZp564B102 (from clone DKFZp564B102).//0//1759bp//99%/AL049970
- 25 C-NT2RP2006106
 C-NT2RP2006141
 C-NT2RP2006186//Homo sapiens mRNA for KIAA0654 protein, partial cds.//3.3E-189//899bp//97%/AB014554
 C-NT2RP2006196
 C-NT2RP2006200
- 30 C-NT2RP2006219//H.sapiens mRNA for DGCR6 protein.//1.1E-214//1026bp//97%/X96484
 C-NT2RP2006237
 C-NT2RP2006238
 C-NT2RP2006275//MICROTUBULE-ASSOCIATED PROTEIN 1B [CONTAINS: LIGHT CHAIN LC1].//2E-59//388aa//32%/P46821
- 35 C-NT2RP2006312//Homo sapiens BAF57 (BAF57) gene, complete cds.//2.8E-274//1236bp//99%/AF035262
 C-NT2RP2006333
 C-NT2RP2006365
 C-NT2RP2006393
 C-NT2RP2006436//ANTERIOR-RESTRICTED HOMEBOX PROTEIN (RATHKE POUCH HOMEO BOX).//0.00000034//50aa//50%/Q61658
- 40 C-NT2RP2006456
 C-NT2RP2006464//Homo sapiens mRNA for AND-1 protein.//0//2181bp//99%/AJ006266
 C-NT2RP2006467
 C-NT2RP2006472
- 45 C-NT2RP2006565//Sus scrofa mRNA for SCAMPI protein.//0//1276bp//84%/Y15710
 C-NT2RP2006571//CYTOCHROME P450 2G1 (EC 1.14.14.1) (CYP11G1) (P450-NMB) (OLFACTIVE).//4.2E-134//486aa//50%/P24461
 C-NT2RP2006573//2',3'-CYCLIC NUCLEOTIDE 3'-PHOSPHODIESTERASE (EC 3.1.4.37) (CNP).//0.0000055//169aa//25%/P09543
- 50 C-NT2RP3000031//Homo sapiens mRNA for KIAA0901 protein, complete cds.//0//2547bp//99%/AB020708
 C-NT2RP3000072
 C-NT2RP3000142//Homo sapiens mRNA for KIAA0592 protein, partial cds.//0//1404bp//97%/AB011164
 C-NT2RP3000220
 C-NT2RP3000251
- 55 C-NT2RP3000252//Homo sapiens GTP-binding protein NGB mRNA, complete cds.//0//2388bp//99%/AF120334
 C-NT2RP3000312
 C-NT2RP3000320//Homo sapiens partial mRNA for putative p621 protein which interacts with transcription factor Sp1.//0//1544bp//100%/AJ242978

C-NT2RP3000333
 C-NT2RP3000348
 C-NT2RP3000350//PROBABLE GTP-BINDING PROTEIN
 HP0303.//0.000000028//185aa//31%//O25074
 5 C-NT2RP3000359//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL (EC 2.7.4.10) (AK3).//2E-111//
 226aa//92%//P08760
 C-NT2RP3000361//Homo sapiens mRNA, complete cds, similar to yeast pre-mRNA splicing factors, Prp1/Zer1
 and Prp6.//0//2072bp//98%//AB019219
 C-NT2RP3000366//RAS-RELATED PROTEIN RAB-18.//2.1E-107//206aa//99%//P35293
 10 C-NT2RP3000397//PUTATIVE PRE-MRNA SPLICING FACTOR RNA HELICASE (DEAH BOX PROTEIN 13)//
 1.7E-139//679aa//41%//O43143
 C-NT2RP3000403//Homo sapiens formin binding protein 21 mRNA, complete cds.//0//2364bp//99%//AF071185
 C-NT2RP3000484
 C-NT2RP3000527//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6).//4.8E-28//536aa//27%//P28160
 15 C-NT2RP3000531//POLIOVIRUS RECEPTOR PRECURSOR (CD155 ANTIGEN).//1.9E-12//192aa//30%//
 P15151
 C-NT2RP3000596//TRICHOHYALIN.//2.5E-17//304aa//28%//Q07283
 C-NT2RP3000599
 C-NT2RP3000632//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//3E-140//499aa//46%//P51523
 20 C-NT2RP3000644
 C-NT2RP3000661
 C-NT2RP3000665
 C-NT2RP3000690
 C-NT2RP3000759//ADP-RIBOSYLATION FACTOR.//7E-28//176aa//34%//Q94650
 25 C-NT2RP3000825//NEUROGENIC LOCUS NOTCH 3 PROTEIN.//2.5E-36//417aa//31%//Q61982
 C-NT2RP3000836
 C-NT2RP3000841
 C-NT2RP3000850
 C-NT2RP3000852
 30 C-NT2RP3000859
 C-NT2RP3000868//Human ovarian cancer downregulated myosin heavy chain homolog (Doc1) mRNA, complete
 cds.//6.9E-69//1611bp//61%//U53445
 C-NT2RP3000869
 C-NT2RP3000901
 35 C-NT2RP3000917//Homo sapiens Dhml-like protein mRNA, complete cds.//0//3199bp//99%//AF064257
 C-NT2RP3000919//Rattus norvegicus golgi peripheral membrane protein p65 (GRASP65) mRNA, complete cds.//
 2.7E-185//585bp//88%//AF015264
 C-NT2RP3000980
 C-NT2RP3000994//MATERNAL EFFECT PROTEIN
 40 STAUFEN.//0.00000006//78aa//48%//P25159
 C-NT2RP3001004
 C-NT2RP3001081
 C-NT2RP3001084
 C-NT2RP3001096//Rattus norvegicus leprecan (lepre1) mRNA, complete cds.//1.7E-94//787bp//66%//AF087433
 45 C-NT2RP3001107//PEREGRIN (BR140 PROTEIN).//3E-44//260aa//40%//P55201
 C-NT2RP3001109
 C-NT2RP3001116
 C-NT2RP3001119
 C-NT2RP3001133
 50 C-NT2RP3001140//Homo sapiens mRNA for KIAA0762 protein, partial cds.//0//2802bp//99%//AB018305
 C-NT2RP3001155//Homo sapiens mRNA for AND-1 protein.//0//2732bp//99%//AJ006266
 C-NT2RP3001176//HYPOTHETICAL 65.3 KD PROTEIN IN MAD1-SCY1 INTERGENIC REGION.//1.7E-10//
 196aa//27%//P53154
 C-NT2RP3001214
 55 C-NT2RP3001216//CYLICIN I (MULTIPLE-BAND POLYPEPTIDE I) (FRAGMENT).//0.0000023//137aa//33%//
 P35663
 C-NT2RP3001221//GAMMA-BUTYROBETAINE,2-OXOGLUTARATE DIOXYGENASE (EC 1.14.11.1) (GAMMA-
 BUTYROBETAINE HYDROXYLASE).//1.9E-31//353aa//30%//P80193

C-NT2RP3001236
 C-NT2RP3001239//MICROTUBULE-ASSOCIATED PROTEIN 1B (MAP1.2) (MAP1(X)) [CONTAINS: LIGHT CHAIN LC1].//1.2E-166//395aa//51%//P14873
 C-NT2RP3001260//Homo sapiens mRNA for KIAA0911 protein, complete cds.//0//2497bp//99%//AB020718
 5 C-NT2RP3001307
 C-NT2RP3001325
 C-NT2RP3001384//Homo sapiens NAKAP95 mRNA for neighbor of A-kinase anchoring protein 95, complete cds.//0//1213bp//99%//AB025905
 C-NT2RP3001392
 10 C-NT2RP3001396
 C-NT2RP3001398//TRANSCRIPTIONAL REPRESSOR CTCF.//1.3E-61//374aa//36%//P49711
 C-NT2RP3001407//SCY1 PROTEIN.//0.00000033//143aa//25%//P53009
 C-NT2RP3001420
 C-NT2RP3001426//DNAJ PROTEIN (FRAGMENT).//1E-16//77aa//46%//O33529
 15 C-NT2RP3001427//WERNER SYNDROME HELICASE HOMOLOG.//2.7E-10//159aa//33%//O09053
 C-NT2RP3001457
 C-NT2RP3001472//NONHISTONE CHROMOSOMAL PROTEIN 6A.//9.1E-13//87aa//43%//P11632
 C-NT2RP3001495//Human oxidoreductase (HHCMA56) mRNA, complete cds.//0//1475bp//99%//U13395
 C-NT2RP3001497//Homo sapiens multiple membrane spanning receptor TRC8 (TRC8) mRNA, complete cds.//0//2295bp//99%//AF064801
 20 C-NT2RP3001529//SPO0B-ASSOCIATED GTP-BINDING PROTEIN.//1E-61//345aa//42%//P20964
 C-NT2RP3001621
 C-NT2RP3001629
 C-NT2RP3001642//HYPOTHETICAL PROTEIN KIAA0210.//6.8E-18//91aa//38%//Q92609
 25 C-NT2RP3001646//WD-40 REPEAT PROTEIN MSI2.//8.8E-09//132aa//31%//O22468
 C-NT2RP3001676
 C-NT2RP3001679
 C-NT2RP3001799//MYOSIN HEAVY CHAIN, STRIATED MUSCLE.//1.6E-11//348aa//27%//P24733
 C-NT2RP3001819//RING CANAL PROTEIN (KELCH PROTEIN).//7.4E-18//249aa//30%//Q04652
 30 C-NT2RP3001896
 C-NT2RP3001915
 C-NT2RP3001929
 C-NT2RP3003193//ZINC FINGER PROTEIN 135.//7.3E-98//269aa//62%//P52742
 C-NT2RP3004466
 35 C-NT2RP3004480//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS35.//3.3E-113//466aa//42%//P34110
 C-NT2RP3004539//Homo sapiens mRNA for KIAA0632 protein, partial cds.//0//1520bp//99%//AB014532
 C-NT2RP3004544//Homo sapiens mRNA for KIAA0554 protein, partial cds.//0//974bp//95%//AB011126
 C-NT2RP3004569//ANKYRIN, BRAIN VARIANT 1 (ANKYRIN B) (ANKYRIN, NONERYTHROID).//0.000000038//150aa//28%//Q01484
 40 C-NT2RP3004572//Homo sapiens cofactor of initiator function (CIF150) mRNA, complete cds.//0//1770bp//99%//AF026445
 C-NT2RP3004578//Homo sapiens mRNA for KIAA0477 protein, complete cds.//0//1639bp//99%//AB007946
 C-NT2RP3004594//Homo sapiens mRNA for AND-1 protein.//0//1807bp//99%//AJ006266
 45 C-NT2RP3004617//ZINC-BINDING PROTEIN A33.//7.2E-75//464aa//35%//Q02084
 C-NT2RP3004618//Homo sapiens putative RNA-binding protein Q99 mRNA, complete cds.//0//3972bp//98%//AF093097
 C-NT2RP3004669//ETHANOLAMINE KINASE (EC 2.7.1.82) (EASILY SHOCKED PROTEIN).//1.7E-72//254aa//45%//P54352
 50 C-NT2RP4000008//CHLORINE CHANNEL PROTEIN P64.//2.6E-98//239aa//64%//P35526
 C-NT2RP4000051//SYNAPTONEMAL COMPLEX-PROTEIN SC65.//4.9E-51//335aa//37%//Q64375
 C-NT2RP4000078//Homo sapiens mRNA for KIAA0850 protein, complete cds.//0//3013bp//99%//AB020657
 C-NT2RP4000109//Homo sapiens mRNA for MEGF5, partial cds.//0//2161bp//99%//AB011538
 C-NT2RP4000111//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100 KD SUBUNIT).//0//728aa//99%//Q10568
 55 C-NT2RP4000129
 C-NT2RP4000147//Drosophila melanogaster putative ARF1 GTPase activating protein (ARF1-GAP) mRNA, complete cds.//3.8E-28//528bp//67%//AF011427

C-NT2RP4000150
 C-NT2RP4000151
 C-NT2RP4000159
 C-NT2RP4000185
 5 C-NT2RP4000210//Homo sapiens mRNA for KIAA0700 protein, partial cds.//0//4149bp//99%//AB014600
 C-NT2RP4000212//ATRIAL GLAND-SPECIFIC ANTIGEN PRECURSOR (AGSA).//5.9E-15//104aa//40%//
 P15287
 C-NT2RP4000243//Homo sapiens mRNA for cartilage-associated protein (CASP).//0//1932bp//99%//AJ006470
 C-NT2RP4000246//NPC DERIVED PROLINE RICH PROTEIN 1 (NDPP-1).//2.7E-84//208aa//76%//Q03173
 10 C-NT2RP4000259//GLUTATHIONE PEROXIDASE 2 (EC 1.11.1.9).//5.5E-29//153aa//43%//O23968
 C-NT2RP4000290//HYPOTHETICAL 116.5 KD PROTEIN C20G8.09C IN CHROMOSOME I.//3.5E-297//1024aa//
 55%//P87115
 C-NT2RP4000312//ADENYLATE CYCLASE (EC 4.6.1.1)(ATP PYROPHOSPHATE-LYASE)(ADENYLYL CYCLA-
 SE).//1.5E-26//237aa//28%//Q01631
 15 C-NT2RP4000323//KERATIN, ULTRA HIGH-SULFUR MATRIX PROTEIN (UHS KERATIN).//0.0000003//101aa//
 32%//P26372
 C-NT2RP4000355
 C-NT2RP4000360//Homo sapiens mRNA for KIAA0738 protein, complete cds.//0//4074bp//99%//AB018281
 C-NT2RP4000367//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds.//0//
 20 4782bp//99%//AF044195
 C-NT2RP4000370//MITOCHONDRIAL PEPTIDE CHAIN RELEASE FACTOR 1 PRECURSOR (MRF-1).//2.6E-
 77//262aa//54%//O75570
 C-NT2RP4000376//Homo sapiens mRNA for phospholipase A2 activating protein.//0//2412bp//99%//AJ238243
 C-NT2RP4000381
 25 C-NT2RP4000398//ZINC FINGER PROTEIN 140.//2.9E-110//435aa//50%//P52738
 C-NT2RP4000415
 C-NT2RP4000417//MANNOSYL-OLIGOSACCHARIDE ALPHA-1,2-MANNOSIDASE (EC 3.2.1.113)(MAN(9)-AL-
 PHA-MANNOSIDASE) (FRAGMENT).//2.6E-51//438aa//33%//P45701
 C-NT2RP4000448//Homo sapiens mRNA; cDNA DKFZp566G0746 (from clone DKFZp566G0746).//0//3991bp//
 30 99%//AL050078
 C-NT2RP4000449
 C-NT2RP4000455//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICP0.//0.0000003//175aa//27%//P09309
 C-NT2RP4000457//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 15 (EC 3.1.2.15) (UBIQUITIN THI-
 OLESTERASE 15) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 15)(DEUBIQUITINATING ENZYME 15).//
 35 2.5E-37//291aa//38%//P50101
 C-NT2RP4000480
 C-NT2RP4000481//ATP-DEPENDENT RNA HELICASE DOB1 (MRNA TRANSPORT REGULATOR MTR4).//
 1.9E-67//721aa//29%//Q09475
 C-NT2RP4000498//MOB1 PROTEIN (MPS1 BINDER 1).//8.8E-50//214aa//50%//P40484
 40 C-NT2RP4000500
 C-NT2RP4000518//ATP-DEPENDENT RNA HELICASE ROK1.//1.5E-106//495aa//45%//P45818
 C-NT2RP4000524
 C-NT2RP4000541
 C-NT2RP4000556//SUR4 PROTEIN (SRE1 PROTEIN).//7.4E-14//233aa//31%//P40319
 45 C-NT2RP4000560
 C-NT2RP4000588
 C-NT2RP4000614//Homo sapiens TLS-associated protein TASR-2 mRNA, complete cds.//2.9E-188//863bp//
 99%//AF067730
 C-NT2RP4000638
 50 C-NT2RP4000648//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICP0.//0.00000037//175aa//27%//P09309
 C-NT2RP4000657//SPORE COAT POLYSACCHARIDE BIOSYNTHESIS PROTEIN SPSE.//1.1E-32//350aa//
 30%//P39625
 C-NT2RP4000704
 C-NT2RP4000713//HYPOTHETICAL 55.1 KD PROTEIN B0416.5 IN CHROMOSOME X.//1.1E-13//295aa//27%//
 55 Q11073
 C-NT2RP4000724//RETROVIRUS-RELATED ENV POLYPROTEIN.//3.2E-191//199aa//78%//P10267
 C-NT2RP4000728//Homo sapiens mRNA for KIAA0931 protein, partial cds.//0//3392bp//95%//AB023148
 C-NT2RP4000737

C-NT2RP4000739//Homo sapiens mRNA for KIAA1012 protein, complete cds.//0//3574bp//99%//AB023229
 C-NT2RP4000781//HYPOTHETICAL 27.7 KD PROTEIN IN CPT1-SPC98 INTERGENIC REGION.//
 0.000000032//67aa//31%//P53915
 C-NT2RP4000817//Homo sapiens mRNA for KIAA0470 protein, complete cds.//0//1927bp//99%//AB007939
 5 C-NT2RP4000833
 C-NT2RP4000837//Homo sapiens mRNA for zinc finger protein SALL1.//4.3E-94//810bp//65%//Y18265
 C-NT2RP4000839//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//8.5E-21//271 aa//28%//Q00808
 C-NT2RP4000855//AMINOPEPTIDASE B (EC 3.4.11.6) (ARGINYL AMINOPEPTIDASE)(ARGININE AMI-
 NOPEPTIDASE) (CYTOSOL AMINOPEPTIDASE IV)(AP-B).//5.7E-82//324aa//48%//O09175
 10 C-NT2RP4000865//ZINC FINGER PROTEIN ZFP-36 (FRAGMENT).//4.1E-85//174aa//55%//P16415
 C-NT2RP4000878//MYELOID UPREGULATED PROTEIN.//6.2E-91//173aa//87%//O35682
 C-NT2RP4000879//UBIQUITIN-ACTIVATING ENZYME E1 (A1S9 PROTEIN).//9.6E-96//513aa//42%//P22314
 C-NT2RP4000925//FIBROMODULIN PRECURSOR (FM) (COLLAGEN-BINDING 59 KD PROTEIN).//2.6E-26//
 227aa//36%//Q06828
 15 C-NT2RP4000927//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE DUB-1 (EC 3.1.2.15) (UBIQUITIN THI-
 OLESTERASE DUB-1) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE DUB-1) (DEUBIQUITINATING EN-
 ZYME 1).//1.5E-76//346aa//43%//Q61068
 C-NT2RP4000928//Homo sapiens mRNA for CDS2 protein.//0//2487bp//99%//Y16521
 C-NT2RP4000929//PUTATIVE ATP-DEPENDENT RNA HELICASE MJ1505.//0.00000014//185aa//25%//Q58900
 20 C-NT2RP4000955
 C-NT2RP4000973//PROBABLE PROTEIN DISULFIDE ISOMERASE P5 PRECURSOR (EC 5.3.4.1).//1.4E-26//
 90aa//42%//P38660
 C-NT2RP4000975
 C-NT2RP4000979
 25 C-NT2RP4000984
 C-NT2RP4000989//UNC-47 PROTEIN.//0.0000082//173aa//25%//P34579
 C-NT2RP4000997//DNA-DIRECTED RNA POLYMERASE 1135 KD POLYPEPTIDE (EC 2.7.7.6) (RNA
 POLYMERASE I SUBUNIT 2) (RPA135).//0//838aa//87%//P70700
 C-NT2RP4001004//VACUOLAR PROTEIN 8.//3.7E-16//401aa//26%//P39968
 30 C-NT2RP4001006
 C-NT2RP4001010//Homo sapiens mRNA for KIAA0964 protein, complete cds.//0//2482bp//99%//AB023181
 C-NT2RP4001041//PROBABLE LEUCYL-TRNA SYNTHETASE (EC 6.1.1.4) (LEUCINE-TRNA LIGASE)//1.5E-
 92//443aa//44%//Q09996
 C-NT2RP4001057
 35 C-NT2RP4001064//SYNAPTONEMAL COMPLEX PROTEIN SC65.//6.7E-51//335aa//37%//Q64375
 C-NT2RP4001079//CALCIUM-TRANSPORTING ATPASE 1 (EC 3.6.1.38) (GOLGI CA2⁺-ATPASE).//1.3E-123//
 563aa//46%//P13586
 C-NT2RP4001080//Homo sapiens mRNA for Rodi, complete cds.//0//1439bp//99%//AB023967
 C-NT2RP4001086
 40 C-NT2RP4001095//DOUBLE-STRANDED RNA-SPECIFIC EDITASE 1 (EC 3.5.-.-) (DSRNA ADENOSINE DEAM-
 INASE) (RNA EDITING ENZYME 1).//2.6E-17//121aa//36%//P51400
 C-NT2RP4001100
 C-NT2RP4001117//PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT.//1.9E-115//224aa//100%//
 P38378
 45 C-NT2RP4001122//TIPD PROTEIN.//1.4E-65//253aa//41%//O15736
 C-NT2RP4001126//TRICHOHYALIN.//2.9E-18//380aa//26%//Q07283
 C-NT2RP4001138
 C-NT2RP4001143//SUCCINYL-DIAMINOPIMELATE DESUCCINYLAASE (EC 3.5.1.18) (SDAP).//0.00000021//
 93aa//33%//P44514
 50 C-NT2RP4001148//SOF1 PROTEIN.//1.3E-104//236aa//52%//P33750
 C-NT2RP4001149
 C-NT2RP4001150//NG-CAM RELATED CELL ADHESION MOLECULE PRECURSOR (NR-CAM) (BRAVO).//
 3.4E-29//385aa//29%//P35331
 C-NT2RP4001174//NON-GREEN PLASTID TRIOSE PHOSPHATE TRANSLOCATOR PRECURSOR (CTPT).//
 55 4.7E-29//227aa//35%//P52178
 C-NT2RP4001206//Drosophila melanogaster strawberry notch (sno) mRNA, complete cds.//4.4E-104//1460bp//
 65 %//U95760
 C-NT2RP4001207

C-NT2RP4001210
 C-NT2RP4001219//PROBABLE PROTEIN DISULFIDE ISOMERASE P5 PRECURSOR (EC 5.3.4.1).//6.2E-27//
 90aa//42%//P38660
 C-NT2RP4001228//RING CANAL PROTEIN (KELCH PROTEIN).//1.8E-103//508aa//43%//Q04652
 5 C-NT2RP4001235
 C-NT2RP4001256
 C-NT2RP4001260//Homo sapiens mRNA for KIAA0875 protein, partial cds.//0//2876bp//99%//AB020682
 C-NT2RP4001274//Human transporter protein (g17) mRNA, complete cds.//4.4E-58//1196bp//61%//U49082
 C-NT2RP4001276//TRICHOHYALIN.//7.9E-09//126aa//32-%//Q07283
 10 C-NT2RP4001313//MITOCHONDRIAL IMPORT RECEPTOR SUBUNIT TOM40 (MOM38 PROTEIN) (TRANSLO-
 CASE OF OUTER MEMBRANE 40 KD SUBUNIT).//5.9E-17//296aa//29%//P24391
 C-NT2RP4001315//Bos taurus mRNA for Rab5 GDP/GTP exchange factor, Rabex5.//8.5E-213//1129bp//92%//
 AJ001119
 C-NT2RP4001339//Homo sapiens mRNA for AMMERC1 protein.//9.2E-160//736bp//99%//AJ007014
 15 C-NT2RP4001343
 C-NT2RP4001345//Homo sapiens mRNA for LCAT-like lysophospholipase (LLPL), complete cds.//2.7e-310//
 1400bp//100%//AB017494
 C-NT2RP4001351//Human ovarian cancer downregulated myosin heavy chain homolog (Doc1) mRNA, complete
 cds.//1.4E-58//2425bp//59%//U53445
 20 C-NT2RP4001353
 C-NT2RP4001372//IRREGULAR CHIASM C-ROUGHEST PROTEIN PRECURSOR (IRREC PROTEIN).//1.6E-
 19//222aa//30%//Q08180
 C-NT2RP4001373
 C-NT2RP4001375//NON-RECEPTOR TYROSINE KINASE SPORE LYSIS A (EC 2.7.1.112) (TYROSINE- PRO-
 25 TEIN KINASE 1).//9.2E-17//146aa//35%//P18160
 C-NT2RP4001379//HYPOTHETICAL 49.1 KD PROTEIN C11D3.06 IN CHROMOSOME I.//2E-53//436aa//30%//
 Q10085
 C-NT2RP4001407//Homo sapiens mRNA for KIAA0923 protein, complete cds.//0//2716bp//99%//AB023140
 C-NT2RP4001414//SEPTIN 2 HOMOLOG (FRAGMENT).//7.7E-190//422aa//82%//Q14141
 30 C-NT2RP4001433//ZINC FINGER PROTEIN 184 (FRAGMENT).//1.2E-138//419aa//54%//Q99676
 C-NT2RP4001474//Xenopus laevis putative Zic3 binding protein mRNA, complete cds.//2.7E-66//738bp//71%//
 AF129131
 C-NT2RP4001483//2-OXOGLUTARATE DEHYDROGENASE E1 COMPONENT PRECURSOR (EC 1.2.4.2) (AL-
 PHA-KETOGLUTARATE DEHYDROGENASE).//0//962aa//78%//Q02218
 35 C-NT2RP4001498//ANKYRIN REPEAT-CONTAINING PROTEIN AKR1.//1E-27//374aa//29%//P39010
 C-NT2RP4001502
 C-NT2RP4001507
 C-NT2RP4001524
 C-NT2RP4001547//HYPOTHETICAL 45.0 KD PROTEIN IN NOT1/CDC39-HMR INTERGENIC REGION.//5.7E-
 40 54//242aa//3 8%//P25656
 C-NT2RP4001551//Homo sapiens chromatin-specific transcription elongation factor FACT 140 kDa subunit mR-
 NA, complete cds.//0//3202bp//99%//AF152961
 C-NT2RP4001555//PUTATIVE ENDONUCLEASE VIII (EC 3.2.-.-).//4.7E-09//216aa//24%//P96902
 C-NT2RP4001567//ARMADILLO SEGMENT POLARITY PROTEIN.//0.00000054//213aa//26,%//Q02453
 45 C-NT2RP4001568//ZINC FINGER PROTEIN GCS1.//1.8E-10//109aa//36%//P35197
 C-NT2RP4001571
 C-NT2RP4001574//Homo sapiens coat protein gamma-cop mRNA, complete cds.//0//3046bp//99%//AF100756
 C-NT2RP4001575//Rattus norvegicus mRNA for ARE1 protein.//0//1087bp//87%//AJ223830
 C-NT2RP4001592//ISOLEUCYL-TRNA SYNTHETASE (EC 6.1.1.5) (ISOLEUCINE-TRNA LIGASE) (ILERS).//
 50 1.7E-141//373aa//47%//P73505
 C-NT2RP4001610//Homo sapiens mRNA for KIAA0869 protein, partial cds.//0//1897bp//99%//AB020676
 C-NT2RP4001614
 C-NT2RP4001634
 C-NT2RP4001638//DNA REPAIR/TRANSCRIPTION PROTEIN MET18/MMS19.//5.1E-46//234aa//32%//P40469
 55 C-NT2RP4001644//MYOSIN LIGHT CHAIN KINASE (EC 2.7.1.117) (MLCK).//6.4E-19//111aa//45%//P25323
 C-NT2RP4001677
 C-NT2RP4001679
 C-NT2RP4001696//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF

100 KD SUBUNIT).//4E-10//243aa//25%//Q10568
 C-NT2RP4001725//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT.//3E-10//128aa//32%//
 Q10282
 C-NT2RP4001730//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-)
 5 (DUGT).//6.4E-170//1168aa//33%//Q09332
 C-NT2RP4001739
 C-NT2RP4001753//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//3.9E-236//665aa//58%//
 P51523
 C-NT2RP4001760//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/RAC GEF) (FA-
 10 CIOGENITAL DYSPLASIA PROTEIN).//4.1E-16//263aa//27%//P98174
 C-NT2RP4001790//Homo sapiens mRNA for KIAA1015 protein, complete cds.//0//3144bp//99%//AB023232
 C-NT2RP4001803
 C-NT2RP4001822//PLATELET-ENDOTHELIAL TETRASPAN ANTIGEN 3 (PETA-3) (GP27) (MEMBRANE GLYC-
 OPROTEIN SFA-1) (CD151 ANTIGEN).//1.2E-30//241aa//30%//O35566
 15 C-NT2RP4001823//MICROFIBRIL-ASSOCIATED GLYCOPROTEIN 4.//1.1E-19//77aa//54%//P55083
 C-NT2RP4001828
 C-NT2RP4001838//Homo sapiens CoREST protein (COREST) mRNA, complete cds.//6.3E-99//555bp//73%//
 AF155595
 C-NT2RP4001861//TRICHOHYALEN.//1E-35//307aa//34%//P37709
 20 C-NT2RP4001893//Homo sapiens mRNA; cDNA DKFZp5640043 (from clone DKFZp5640043).//0//1306bp//98%//
 AL050390
 C-NT2RP4001896//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E1.//0.000000014//345aa//25%//Q00808
 C-NT2RP4001901
 C-NT2RP4001927//MICROTUBULE-ASSOCIATED PROTEIN YTM1.//1.3E-38//258aa//32%//Q12024
 25 C-NT2RP400193 8//TRANSCRIPTIONAL REPRESSOR CTCF.//9.8E-60//303aa//38%//P49711
 C-NT2RP4001946//PROTEIN-L-ISOASPARTATE O-METHYLTRANSFERASE (EC 2.1.1.77) (PROTEIN- BETA-
 ASPARTATE METHYLTRANSFERASE) (PIMT) (PROTEIN L-ISOASPARTYL METHYLTRANSFERASE) (L-ISO-
 ASPARTYL PROTEIN CARBOXYL METHYLTRANSFERASE).//1.5E-13//211aa//28%//Q43209
 C-NT2RP4001950//GLUTAMIC ACID-RICH PROTEIN PRECURSOR.//1.2E-13//356aa//27%//P13816
 30 C-NT2RP4001953
 C-NT2RP4001966
 C-NT2RP4001975
 C-NT2RP4002018//RING CANAL PROTEIN (KELCH PROTEIN).//6.9E-24//370aa//27%//Q04652
 C-NT2RP4002052
 35 C-NT2RP4002058//PUTATIVE PRE-MRNA SPLICING FACTOR RNA HELICASE (DEAH BOX PROTEIN 13)//1E-
 137//679aa//40%//O43143
 C-NT2RP4002071
 C-NT2RP4002078//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//3E-150//722aa//
 39%//Q05481
 40 C-NT2RP4002081//TRANSCRIPTION INITIATION FACTOR IIA ALPHA AND BETA CHAINS (TFIIA P35 AND P19
 SUBUNITS) (TFIIA-42) (TFIIAL).//0.0000067//250aa//31%//P52655
 C-NT2RP4002298
 C-NT2RP4002408//PROTEIN KINASE CEK1 (EC 2.7.1.-).//1.5E-63//159aa//53%//P38938
 C-NT2RP4002791
 45 C-NT2RP4002888//Homo sapiens mRNA; cDNA DKFZp434F1 72 (from clone DKFZp434F172).//0//2557bp//99%//
 AL080202
 C-NT2RP4002905
 C-NT2RP5003461//RLR1 PROTEIN.//9.7E-22//177aa//27%//P53552
 C-NT2RP5003477//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//5.5E-15//280aa//27%//Q00808
 50 C-NT2RP5003492
 C-NT2RP5003500
 C-NT2RP5003506
 C-NT2RP5003522//NADPH-CYTOCHROME P450 REDUCTASE (EC 1.6.2.4) (CPR).//3.3E-23//219aa//40%//
 P37116
 55 C-NT2RP5003524
 C-NT2RP5003534
 C-OVARC1000006//HISTONE H2A.1.//1.1E-55//117aa//99%//P02262
 C-OVARC1000013//APOPTOTIC PROTEASE ACTIVATING FACTOR 1 (APAF-1).//0.0000042//102aa//32%//

O14727
 C-OVARC1000014//Homo sapiens GLE1 (GLE1) mRNA, complete cds.//2.6E-295//1393bp//97%//AF058922
 C-OVARC1000035
 C-OVARC1000060//EXTRACELLULAR RIBONUCLEASE LE PRECURSOR (EC 3.1.27.1) (RNASE LE).//
 5 0.00000032//60aa//45 %//P80022
 C-OVARC1000087//HISTONE MACRO-H2A.1.//1.6E-12//174aa//26%//Q02874
 C-OVARC1000091//HOST CELL FACTOR C1 (HCF) (VP16 ACCESSORY PROTEIN) (HFC1) (VCAF) (CFF).//
 8.4E-14//259aa//30%//P51610
 C-OVARC1000113
 10 C-OVARC1000139//Homo sapiens CGI-21 protein mRNA, complete cds.//0//1562bp//99%//AF132955
 C-OVARC1000148
 C-OVARC1000151//Homo sapiens partial mRNA for putative protein p38 interacting with transcription factor Sp1.//
 2.5E-95//461bp//98%//AJ242975
 C-OVARC1000168
 15 C-OVARC1000209//Oryza sativa submergence induced protein 2A mRNA, complete cds.//1.8E-32//511bp//65%//
 AF068332
 C-OVARC1000212
 C-OVARC1000241//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT INTERACTING PROTEIN)
 (MEMBER OF PAS PROTEIN 1) (MOP1) (HIF1 ALPHA).//8.2E-120//351aa//54%//Q16665
 20 C-OVARC1000288//VACUOLAR AMINOPEPTIDASE I PRECURSOR (EC 3.4.11.22) (POLYPEPTIDASE)(LEU-
 CINE AMINOPEPTIDASE IV) (LAPIV) (AMINOPEPTIDASE III)(AMINOPEPTIDASE YSCI).//5.4E-53//384aa//
 30%//P14904
 C-OVARC1000304//PROTEIN MOV-10.//1.1E-249//519aa//87%//P23249
 C-OVARC1000309//THREONINE SYNTHASE (EC 4.2.99.2).//2.7E-40//154aa//38%//P29363
 25 C-OVARC1000321
 C-OVARC1000326
 C-OVARC1000335//HYPOTHETICAL 39.3 KD PROTEIN IN GCN4-WBP1 INTERGENIC REGION.//5.9E-14//
 200aa//27%//P40004
 C-OVARC1000347
 30 C-OVARC1000384
 C-OVARC1000411
 C-OVARC1000420
 C-OVARC1000437//TENSIN.//7.9E-181//340aa//84%//Q04205
 C-OVARC1000443//Homo sapiens mRNA; cDNA DKFZp434A073 (from clone DKFZp434A073).//0//1216bp//
 35 99%//AL080126
 C-OVARC1000461
 C-OVARC1000465//PROTEIN TRANSPORT PROTEIN SEC7.//1.2E-25//227aa//25%//P11075
 C-OVARC1000466
 C-OVARC1000473//DUAL SPECIFICITY PROTEIN PHOSPHATASE 3 (EC 3.1.3.48) (EC 3.1.3.16) (DUAL SPE-
 40 CIFICITY PROTEIN PHOSPHATASE VHR).//3.1E-10//125aa//35%//P51452
 C-OVARC1000479//Homo sapiens mRNA for KIAA0829 protein, partial cds.//0//1919bp//99%//AB020636
 C-OVARC1000520//Homo sapiens supervillin mRNA, complete cds.//2.2E-157//892bp//91 %//AF051850
 C-OVARC1000564
 C-OVARC1000576
 45 C-OVARC1000588
 C-OVARC1000605
 C-OVARC1000640
 C-OVARC1000649//Human squamous cell carcinoma of esophagus mRNA for GRB-7 SH2 domain protein, com-
 plete cds.//0//1812bp//98%//D43772
 50 C-OVARC1000661
 C-OVARC1000771//RAS-RELATED PROTEIN RAB-2.//1.1E-46//121aa//79%//P08886
 C-OVARC1000959//HYPOTHETICAL PROTEIN MJ0933.//1.2E-17//127aa//33%//Q58343
 C-OVARC1001034//Mus musculus Fn54 mRNA, partial cds.//1.5E-178//1113bp//86%//AF001533
 C-OVARC1001038//Homo sapiens mRNA for Ariadne-2 protein.//01//1172bp//97%//AJ130978
 55 C-OVARC1001065//Homo sapiens CGI-12 protein mRNA, complete cds.//1E-215//1027bp//98%//AF132946
 C-OVARC1001162
 C-OVARC1001243
 C-OVARC1001296

C-OVARC1001360
 C-OVARC1001381//Homo sapiens mRNA for candidate tumor suppressor involved in B-CLL.//6E-148//683bp//
 99%//AJ224819
 C-OVARC1001425
 5 C-PLACE1000005
 C-PLACE1000066//SSU72 PROTEIN.//1.1E-39//206aa//43%//P53538
 C-PLACE1000142//3-HYDROXYBUTYRYL-COA DEHYDRATASE (EC 4.2.1.55) (CROTONASE).//2.8E-29//
 134aa//43%//P52046
 C-PLACE1000184//Homo sapiens mRNA for KIAA0832 protein, complete cds.//5.5e-312//1411bp//99%//
 10 AB020639
 C-PLACE1000185
 C-PLACE1000213//Homo sapiens mRNA for KIAA0977 protein, complete cds.//0//1904bp//99%//AB023194
 C-PLACE1000347
 C-PLACE1000374
 15 C-PLACE1000380//Homo sapiens mRNA for KIAA0853 protein, partial cds.//0//2208bp//99%//AB020660
 C-PLACE1000383//Homo sapiens mRNA for MTMR1 protein.//0//753bp//99%//AJ224979
 C-PLACE1000401//POLIOVIRUS RECEPTOR PRECURSOR (CD155 ANTIGEN).//2.7E-30//352aa//31%//
 P15151
 C-PLACE1000406//PTB-ASSOCIATED SPLICING FACTOR (PSF).//1.2E-132//334aa//72%//P23246
 20 C-PLACE1000420//7.8-DIHYDRO-8-OXOGUANINE TRIPHOSPHATASE (EC 3.1.6.-) (8-OXO-DGTPASE).//
 0.0000028//134aa//29%//P53368
 C-PLACE1000435
 C-PLACE1000444
 C-PLACE1000562
 25 C-PLACE1000564
 C-PLACE1000588//INTERFERON-INDUCED GUANYLATE-BINDING PROTEIN 1 (GUANINE NUCLEOTIDE-
 BINDING PROTEIN 1).//1.6E-270//437aa//86%//P32455
 C-PLACE1000596//Homo sapiens mRNA for KIAA0850 protein, complete cds.//0//2393bp//99%//AB020657
 C-PLACE1000611//Rattus norvegicus neural membrane protein 35 mRNA, complete cds.//2E-55//779bp//67%//
 30 AF044201
 C-PLACE1000636//MALE STERILITY PROTEIN 2.//1.2E-39//261aa//27%//Q08891
 C-PLACE1000716
 C-PLACE1000748
 C-PLACE1000755//Homo sapiens mRNA for Helicase-MOI, complete-cds.//4.6E-250//1189bp//97%//AB028449
 35 C-PLACE1000785//Homo sapiens mRNA for KIAA0648 protein, partial cds.//0//2002bp//99%//AB014548
 C-PLACE1000798
 C-PLACE1000863//PUTATIVE MITOCHONDRIAL 40S RIBOSOMAL PROTEIN
 YHR148W.//2.5E-49//181aa//54%//P32899
 C-PLACE1000909//ANKYRIN REPEAT-CONTAINING PROTEIN AKR1.//2.6E-19//404aa//26%//P39010
 40 C-PLACE1000948
 C-PLACE1000972
 C-PLACE1000977//BETA-CHIMAERIN (BETA-CHIMERIN).//4.4E-22//129aa//35%//Q03070
 C-PLACE1001000
 C-PLACE1001092//Homo sapiens sorting nexin 4 mRNA, complete cds.//0//1500bp//99%//AF065485
 45 C-PLACE1001257//RING CANAL PROTEIN (KELCH PROTEIN).//4.3E-54//257aa//46%//Q04652
 C-PLACE1001383//ZINC-FINGER PROTEIN UBI-D4 (APOPTOSIS RESPONSE ZINC FINGER PROTEIN REQ-
 UIEM).//3E-33//138aa//42%//Q61103
 C-PLACE1001387//EPIDERMAL GROWTH FACTOR RECEPTOR KINASE SUBSTRATE EPS8.//2.3E-61//
 132aa//46%//Q12929
 50 C-PLACE1001399//Homo sapiens chromosome 17, clone hRPK.22_N_12, complete sequence.//0//2118bp//
 99%//AC005412
 C-PLACE1001412
 C-PLACE1001484//Homo sapiens chromosome 20 clone 387E22, WORKING DRAFT SEQUENCE, in unordered
 pieces.//0//1440bp//99%//AL031660
 55 C-PLACE1001503
 C-PLACE1001570
 C-PLACE1001610
 C-PLACE1001692//S-ACYL FATTY ACID SYNTHASE THIOESTERASE, MEDIUM CHAIN (EC 3.1.2.14)

(THIOESTERASE n).//4E-81//263aa//56%//P08635
 C-PLACE1001729
 C-PLACE1001739//PUTATIVE ATP-DEPENDENT RNA HEUCASE PL10.//3.5E-75//439aa//41%//P16381
 C-PLACE1001781//PROBABLE PHOSPHOMANNOMUTASE (EC 5.4.2.8) (PMM).//5.4E-63//427aa//35%//
 5 Q57290
 C-PLACE1001810
 C-PLACE1001817//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS) mRNA, partial cds.//
 0//1995bp//99%//AF058953
 C-PLACE1001869//L-RIBULOKINASE (EC 2.7.1.16).//2E-27//270aa//31%//P94524
 10 C-PLACE1001912//Homo sapiens clone 24963 mRNA sequence, complete cds.//0//1196bp//99%//AF131737
 C-PLACE1001920//Homo sapiens MDC-3.13 isoform 2 mRNA, complete cds.//0//1729bp//99%//AF099935
 C-PLACE1001928
 C-PLACE1001989//PUTATIVE AMIDASE (EC 3.5.1.4).//1.4E-78//496aa//37%//Q49091
 C-PLACE1002046//LIGATIN (FRAGMENT).//1.7E-240//560aa//80%//Q61211
 15 C-PLACE1002072
 C-PLACE1002073//ADENYLATE CYCLASE (EC 4.6.1.1)(ATP PYROPHOSPHATE-LYASE)(ADENYLYL CYCLA-
 SE).//0.00000053//188aa//29%//P49606
 C-PLACE1002140
 C-PLACE1002163
 20 C-PLACE1002170
 C-PLACE1002433
 C-PLACE1002438//ZINC FINGER PROTEIN 151 (MIZ-1 PROTEIN).//0.0000042//133aa//29%//Q13105
 C-PLACE1002465
 C-PLACE1002529//Homo sapiens mRNA for KIAA0713 protein, partial cds.//6.7E-214//956bp//94%//AB018256
 25 C-PLACE1002685//Homo sapiens B cell linker protein BLNK mRNA, alternatively spliced, complete cds.//0//
 1750bp//99%//AF068180
 C-PLACE1002722//PROBABLE G PROTEIN-COUPLED RECEPTOR KIAA0001.//9E-45//305aa//33%//Q15391
 C-PLACE1002794
 C-PLACE1002815
 30 C-PLACE1002839
 C-PLACE1002851
 C-PLACE1002941
 C-PLACE1002996
 C-PLACE1003045
 35 C-PLACE1003092
 C-PLACE1003100//HEP27 PROTEIN (PROTEIN D).//2.6E-79//253aa//60%//Q13268
 C-PLACE1003108
 C-PLACE1003145
 C-PLACE1003174//UBIQUITIN-CONJUGATING ENZYME E2-18 KD (EC 6.3.2.19) (UBIQUITIN- PROTEIN
 40 LIGASE) (UBIQUITIN CARRIER PROTEIN) (PM42).//3.8E-37//143aa//51%//P42743
 C-PLACE1003190//SOF1 PROTEIN.//1.9E-110//325aa//48%//P33750
 C-PLACE1003200
 C-PLACE1003296//Homo sapiens mRNA; cDNA DKFZp434G173 (from clone DKFZp434G173).//0//1706bp//
 99%//AL080133
 45 C-PLACE1003302//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//6.9E-206//396aa//86%//
 P51522
 C-PLACE1003334
 C-PLACE1003342
 C-PLACE1003353//Homo sapiens breast cancer antiestrogen resistance 3 protein (BCAR3) mRNA, complete
 50 cds.//0//2435bp//99%//U92715
 C-PLACE1003369
 C-PLACE1003602//Homo sapiens mRNA expressed in placenta.//5.9E-278//1275bp//99%//D83200
 C-PLACE1003611
 C-PLACE1003625//ARMADILLO SEGMENT POLARITY PROTEIN.//3.2E-10//380aa//25%//P18824
 55 C-PLACE1003704//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR
 SRP75).//8E-19//209aa//34%//Q08170
 C-PLACE1003711
 C-PLACE1003723

C-PLACE1003762
 C-PLACE1003771
 C-PLACE1003784
 C-PLACE1003923
 5 C-PLACE1003936
 C-PLACE1003968//5'-AMP-ACTIVATED PROTEIN KINASE, GAMMA-1 SUBUNIT (AMPK GAMMA-1 CHAIN).//
 2.4E-124//326aa//73%//P80385
 C-PLACE1004104
 C-PLACE1004114
 10 C-PLACE1004128//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT 4 (TRANSDUCIN BETA
 CHAIN 4).//6.1E-181//340aa//96%//P29387
 C-PLACE1004149
 C-PLACE1004156
 C-PLACE1004161
 15 C-PLACE1004183//Homo sapiens for TOM1-like protein.//0//1279bp//97%//AJ010071
 C-PLACE1004197//BUTYROPHILIN PRECURSOR (BT).//4.5E-10//208aa//27%//Q62556
 C-PLACE1004203//Homo sapiens GPI-anchored membrane protein CDw108 precursor, mRNA, complete cds.//
 0//1882bp//99%//AF069493
 C-PLACE1004258
 20 C-PLACE1004270//TRANSMEMBRANE PROTEASE, SERINE 2 (EC 3.4.21.-).//9.7E-36//389aa//31%//O15393
 C-PLACE1004277//Homo sapiens two pore domain K⁺ channel (TASK-2) mRNA, complete cds.//0//1498bp//99%//
 AF084830
 C-PLACE1004289
 C-PLACE1004302//SOF1 PROTEIN.//1.9E-110//325aa//48%//P33750
 25 C-PLACE1004316//H.sapiens mRNA for apoptosis specific protein.//0//1767bp//99%//Y11588
 C-PLACE1004358//Homo sapiens connector enhancer of KSR-like protein CNK1 mRNA, complete cds.//0//
 2512bp//99%//AF100153
 C-PLACE1004376
 C-PLACE1004388
 30 C-PLACE1004405
 C-PLACE1004428//PRISTANOYL-COA OXIDASE (EC 1.3.3.-).//1.2E-39//385aa//33%//Q63448
 C-PLACE1004437//Human NAD⁺-specific isocitrate dehydrogenase beta subunit precursor, mRNA, nuclear gene
 encoding mitochondrial protein, complete cds.//0//985bp//99%//U49283
 C-PLACE1004451
 35 C-PLACE1004460//MATERNAL TUDOR PROTEIN.//0.0000002//218aa//23%//P25823
 C-PLACE1004473
 C-PLACE1004510//Homo sapiens cofactor of initiator function (CIF150) mRNA, complete//1.3E-209//954bp//
 99%//AF026445
 C-PLACE1004516
 40 C-PLACE1004548
 C-PLACE1004564//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100
 KD SUBUNIT (CPSF 100 KD SUBUNIT).//0//525aa//99%//Q10568
 C-PLACE1004629//PROTEIN OS-9 PRECURSOR.//7.7E-18//264aa//32%//Q13438
 C-PLACE1004645
 45 C-PLACE1004646//B.taurus mRNA for retinal pigment epithelial membrane receptor p63.//4.4E-42//985bp//59%//
 X66277
 C-PLACE1004664
 C-PLACE1004672
 C-PLACE1004674//PROBABLE CALCIUM-BINDING PROTEIN ALG-2 (PMP41) (ALG-257).//1.6E-95//191aa//
 50 96%//P12815
 C-PLACE1004691
 C-PLACE1004722
 C-PLACE1004736
 C-PLACE1004740
 55 C-PLACE1004743//PROBABLE N-END-RECOGNIZING PROTEIN (UBIQUITIN-PROTEIN LIGASE E3 COMPO-
 NENT) (N- RECOGNIN).//4.4E-35//578aa//27%//O60152
 C-PLACE1004751//Homo sapiens mRNA for alpha2,3-sialyltransferase ST3Gal VI, complete cds.//7.1E-224//
 790bp//98%//AB022918

C-PLACE1004777//N-CHIMAERIN (NC) (N-CHIMERIN) (ALPHA CHIMERIN) (A-CHIMAERIN).//1.9E-32//259aa//32%//P30337
 C-PLACE1004804//ADENYLATE CYCLASE (EC 4.6.1.1) (ATP PYROPHOSPHATE-LYASE) (ADENYLYL CYCLASE).//4.7E-65//695aa//29%//Q01631
 5 C-PLACE1004814//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR SRP75).//5.9E-19//196aa//36%//Q08170
 C-PLACE1004824
 C-PLACE1004868//MALE STERILITY PROTEIN 2.//3.9E-39//261aa//27%//Q08891
 C-PLACE1004885
 10 C-PLACE1004902//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE SPAC10F6.02C.//9.3E-11//94aa//47%//O42643
 C-PLACE1004918//L-LACTATE DEHYDROGENASE M CHAIN (EC 1.1.1.27) (LDHA).//4.9E-48//198aa//44%//P06151
 C-PLACE1004930//Homo sapiens MDC-3.13 isoform 2 mRNA, complete cds.//0//1853bp//98%//AF099936
 15 C-PLACE1004934
 C-PLACE1004937//SEL-10 PROTEIN.//6.3E-125//357aa//58%//Q93794
 C-PLACE1004969//HYPOTHETICAL 55.1 KD PROTEIN B0416.5 IN CHROMOSOME X.//2E-14//205aa//26%//Q11073
 C-PLACE1004982
 20 C-PLACE1005026
 C-PLACE1005027
 C-PLACE1005046
 C-PLACE1005077
 C-PLACE1005101//Homo sapiens (clone zap128) mRNA, 3' end of cds.//1E-209//1031bp//96%//L40401
 25 C-PLACE1005102//RING CANAL PROTEIN (KELCH PROTEIN).//2.6E-56//565aa//30%//Q04652
 C-PLACE1005111
 C-PLACE1005181
 C-PLACE1005187//APAG PROTEIN.//3.8E-13//122aa//36%//P05636
 C-PLACE1005206
 30 C-PLACE1005232
 C-PLACE1005243//SERINE/THREONINE PROTEIN KINASE PKPA (EC 2.7.1.-).//1.3E-27//349aa//32%//Q01577
 C-PLACE1005261
 C-PLACE1005266
 C-PLACE1005277//Homo sapiens mRNA for KIAA0610 protein, partial cds.//3.2E-297//1341bp//100%//AB011182
 35 C-PLACE1005287//INNER CENTROMERE PROTEIN (INCENP).//2.3E-13//269aa//28%//P53352
 C-PLACE1005305//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL (EC 2.7.4.10) (AK3).//2E-111//226aa//92%//P08760
 C-PLACE1005308
 C-PLACE1005313
 40 C-PLACE1005327
 C-PLACE1005335
 C-PLACE1005373//TRNA PSEUDOURIDINE SYNTHASE B (EC 4.2.1.70) (TRNA PSEUDOURIDINE 55 SYNTHASE) (PSI55 SYNTHASE) (PSEUDOURIDYLATE SYNTHASE) (URACIL HYDROLYASE).//8.6E-09//194aa//27%//O33335
 45 C-PLACE1005374
 C-PLACE1005480
 C-PLACE1005481
 C-PLACE1005494//Homo sapiens mRNA for transient receptor potential protein TRP6.//0//1649bp//99%//AJ006276
 50 C-PLACE1005530//HYPOTHETICAL 47.6 KD PROTEIN C16C10.5 IN CHROMOSOME III.//5.6E-52//173aa//57%//Q09251
 C-PLACE1005550
 C-PLACE1005554
 C-PLACE1005623
 55 C-PLACE1005646//Homo sapiens RNA helicase-related protein mRNA, complete cds.//0//2130bp//99%//AF083255
 C-PLACE1005656//RIBONUCLEOSIDE-DIPHOSPHATE REDUCTASE M2 CHAIN (EC 1.17.4.1) (RIBONUCLEOTIDE REDUCTASE).//2.1E-148//321aa//83%//P31350

C-PLACE1005730
 C-PLACE1005755
 C-PLACE1005763//S-ACYL FATTY ACID SYNTHASE THIOESTERASE, MEDIUM CHAIN (EC 3.1.2.14)
 (THIOESTERASE II).//2.5E-79//209aa//53%//P08635
 5 C-PLACE1005803
 C-PLACE1005804//Homo sapiens alpha 1,2-mannosidase IB mRNA, complete cds.//1.1E-217//994bp//99%//
 AF027156
 C-PLACE1005851
 C-PLACE1005921//AIG1 PROTEIN.//3E-31//284aa//31%//P54120
 10 C-PLACE1005923
 C-PLACE1005925
 C-PLACE1005934
 C-PLACE1005936
 C-PLACE1005951
 15 C-PLACE1005953//GLYCOSYLTRANSFERASE ALG2 (EC 2.4.1.-).//6.7E-30//198aa//37%//P43636
 C-PLACE1005955//VACUOLAR AMINOPEPTIDASE I PRECURSOR (EC 3.4.11.22) (POLYPEPTIDASE)//5.4E-
 54//455aa//32%//P14904
 C-PLACE1005966//TRANSCRIPTION INITIATION FACTOR TFIID 90 KD SUBUNIT (TAFII-90).//0.00000014//
 254aa//25%//P38129
 20 C-PLACE1005990
 C-PLACE1006011//Homo sapiens mRNA for poly(ADP-ribose) polymerase-2.//0//1564bp//99%//AJ236876
 C-PLACE1006040//Homo sapiens mRNA for alpha endosulfine.//4.7E-161//744bp//99%//X99906
 C-PLACE1006119//Homo sapiens Ran-GTP binding protein mRNA, partial cds.//1.5E-148//681bp//99%//
 AF039023
 25 C-PLACE1006139
 C-PLACE1006159
 C-PLACE1006167
 C-PLACE1006170//Homo sapiens mRNA for KIAA0899 protein, partial cds.//4.5E-293//953bp//99%//AB020706
 C-PLACE1006195
 30 C-PLACE1006196//PUTATIVE ATP-DEPENDENT RNA HELICASE C12C2.06.//2.7E-116//496aa//48%//Q09747
 C-PLACE1006225
 C-PLACE1006236
 C-PLACE1006239//BONE PROTEOGLYCAN II PRECURSOR (PG-S2) (DECORIN).//2E-16//244aa//31%//
 P28675
 35 C-PLACE1006246
 C-PLACE1006325//Homo sapiens mRNA; cDNA DKFZp564J142 (from clone DKFZp564J142).//3.8E-278//
 1271-bp//99%//AL080066
 C-PLACE1006335
 C-PLACE1006357
 40 C-PLACE1006385//Homo sapiens epsin 2a mRNA, complete cds.//0//1168bp//99%//AF062085
 C-PLACE1006412
 C-PLACE1006414
 C-PLACE1006438//ZINC FINGER PROTEIN 165.//2.5E-45//122aa//43%//P49910
 C-PLACE1006445
 45 C-PLACE1006470
 C-PLACE1006482//TRANSCRIPTION FACTOR MAFF.//7.7E-55//142aa//85%//Q90595
 C-PLACE1006488//SIGNAL RECOGNITION PARTICLE 68 KD PROTEIN (SRP68).//1.1E-229//367aa//96%//
 Q00004
 C-PLACE1006492
 50 C-PLACE1006531
 C-PLACE1006552
 C-PLACE1006598//Homo sapiens clone NH0310K15, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0//
 2182bp//99%//AC007383
 C-PLACE1006615
 55 C-PLACE1006626//Homo sapiens mRNA for KIAA0928 protein, partial cds.//0//1760bp//99%//AB023145
 C-PLACE1006673
 C-PLACE1006678//Homo sapiens mRNA for type II membrane protein, complete cds, clone:HP10328.//5.8E-24//
 734bp//62%//AB015630

C-PLACE1006704
 C-PLACE1006731//RIBOFLAVIN KINASE (EC 2.7.1.26) (FLAVOKINASE) / FMN ADENYLYLTRANSFERASE (EC 2.7.7.2) (FAD PYROPHOSPHORYLASE) (FAD SYNTHETASE).//6.9E-13//177aa//33%//Q59263
 C-PLACE1006782
 5 C-PLACE1006819//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//9.8E-213//232aa//80%//P08547
 C-PLACE1006829//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 4 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 4) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 4) (DEUBIQUITINATING ENZYME 4) (UBIQUITOUS NUCLEAR PROTEIN).//2E-15//188aa//29%//P35123
 C-PLACE1006883
 10 C-PLACE1006901
 C-PLACE1006917//HSH49 PROTEIN.//5.5E-12//97aa//35%//Q99181
 C-PLACE1006932
 C-PLACE1006935//HYPOTHETICAL 95.2 KD PROTEIN R144.6 IN CHROMOSOME III.//6.7E-48//278aa//41%//Q10000
 15 C-PLACE1006956//ATP-DEPENDENT PERMEASE MDL1.//1.3E-86//522aa//36%//P97998
 C-PLACE1006958//Homo sapiens mRNA for heat shock protein apg-1, complete cds.//0//1770bp//99%//AB023421
 C-PLACE1006961
 C-PLACE1006962
 20 C-PLACE1006966
 C-PLACE1007014//36 KD NUCLEOLAR PROTEIN HNP36 (DELAYED-EARLY RESPONSE PROTEIN 12) (DER12).//3.2E-35//180aa//33%//Q14542
 C-PLACE1007021
 C-PLACE1007105
 25 C-PLACE1007178
 C-PLACE1007226//PROBABLE OXYGEN-INDEPENDENT COPROPORPHYRINOGEN III OXIDASE (EC 1.-.-.-) (COPROPORPHYRINOGENASE) (COPROGEN OXIDASE).//1E-42//370aa//31%//P54304
 C-PLACE1007238
 C-PLACE1007239//Homo sapiens mRNA for transcription elongation factor S-II, hS-II-T1, complete cds.//6.5E-216//1068bp//96%//D50495
 30 C-PLACE1007242
 C-PLACE1007243//UNC-47 PROTEIN.//0.00000017//211aa//27%//P34579
 C-PLACE1007257//Homo sapiens mRNA for dia-12c protein.//0//2052bp//99%//Y15908
 C-PLACE1007274
 35 C-PLACE1007282
 C-PLACE1007301
 C-PLACE1007317//Drosophila melanogaster Adrift (adrift) mRNA, complete cds.//4.1E-17//1037bp//56%//AF117649
 C-PLACE1007342
 40 C-PLACE1007346//Homo sapiens estrogen-responsive B box protein (EBBP) mRNA, complete cds.//0//2366bp//99%//AF096870
 C-PLACE1007367
 C-PLACE1007375//PHORBOL ESTER/DIACYLGLYCEROL-BINDING PROTEIN UNC-13.//0.00000044//127aa//30%//P27715
 45 C-PLACE1007386
 C-PLACE1007402
 C-PLACE1007409//WHITE PROTEIN.//1.1E-64//428aa//32%//Q17320
 C-PLACE1007416//DIPEPTIDYL PEPTIDASE IV (EC 3.4.14.5) (DPP IV) (T-CELL ACTIVATION ANTIGEN CD26) (TP103) (ADENOSINE DEAMINASE COMPLEXING PROTEIN-2) (ADABP).//8.8E-25//140aa//35%//P27487
 50 C-PLACE1007450
 C-PLACE1007452
 C-PLACE1007460
 C-PLACE1007484
 C-PLACE1007488//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/RAC GEF) (FACIOGENITAL DYSPLASIA PROTEIN HOMOLOG).//5.4E-53//426aa//33%//P52734
 55 C-PLACE1007507
 C-PLACE1007511//KERATIN, TYPE I CYTOSKELETAL 19 (CYTOKERATIN 19) (K19) (CK 19).//1.4E-85//385aa//45%//P08728

C-PLACE1007524
 C-PLACE1007537//Homo sapiens ankyrin repeat-containing protein ASB-2 mRNA, complete cds.//8.9e-316//
 1485bp//98%//AF159164
 C-PLACE1007544
 5 C-PLACE1007547//HYPOTHETICAL 97.1 KD PROTEIN R05D3.4 IN CHROMOSOME III.//1E-49//361aa//36%//
 P34537
 C-PLACE1007583
 C-PLACE1007598//ZINC FINGER PROTEIN 184 (FRAGMENT).//1.6E-143//666aa//44%//Q99676
 C-PLACE1007618//Homo sapiens mRNA for KIAA0977 protein, complete cds.//0//713bp//99%//AB023194
 10 C-PLACE1007621
 C-PLACE1007632//POLIOVIRUS RECEPTOR PRECURSOR.//0.0000001//228aa//31%//P32506
 C-PLACE1007645
 C-PLACE1007649//Homo sapiens mRNA for KIAA0977 protein, complete cds.//0//1952-bp//99%//AB023194
 C-PLACE1007688//LA PROTEIN HOMOLOG (LA RIBONUCLEOPROTEIN) (LA AUTOANTIGEN HOMOLOG).//
 15 8.7E-09//279aa//28%//Q26457
 C-PLACE1007690
 C-PLACE1007697//GCN20 PROTEIN.//7.6E-119//717aa//38%//P43535
 C-PLACE1007706//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds.//0//3431bp//99%//AF061243
 C-PLACE1007725
 20 C-PLACE1007729//RETROVIRUS-RELATED PROTEASE (EC 3.4.23.-).//1.5E-44//231aa//42%//P10265
 C-PLACE1007730//Homo sapiens mRNA for KIAA0685 protein, complete cds.//9.2E-294//1504bp//94%//
 AB014585
 C-PLACE1007746
 C-PLACE1007791//Homo sapiens IDN3-B mRNA, complete cds.//0//1836bp//99%//AB019602
 25 C-PLACE1007810
 C-PLACE1007843
 C-PLACE1007846//Homo sapiens genomic DNA of 21q22.2 Down Syndrome region, segment 3/13.//0//1751bp//
 99%//AP000010
 C-PLACE1007858//Homo sapiens mRNA for KIAA0766 protein, complete cds.//0//3112bp//99%//AB018309
 30 C-PLACE1007897
 C-PLACE1007946//MYOSIN HEAVY CHAIN, NON-MUSCLE (ZIPPER PROTEIN) (MYOSIN II).//2.6E-14//370aa//
 25%//Q99323
 C-PLACE1007954
 C-PLACE1007955//Homo sapiens cyclin-D binding Myb-like protein mRNA, complete cds.//0//2252bp//99%//
 35 AF084530
 C-PLACE1007958//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds.//0//2300bp//
 99%//AF079529
 C-PLACE1007969//HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN M (HNRNP M).//1.1E-36//202aa//
 48%//P52272
 40 C-PLACE1007990
 C-PLACE1008000//CHANNEL ASSOCIATED PROTEIN OF SYNAPSE-110 (CHAPSIN-110) (SYNAPTIC DEN-
 SITY PROTEIN PSD-93).//6.1E-14//128aa//39%//Q63622
 C-PLACE1008002//Homo sapiens clone DJ0613C23, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0//
 1833bp//99%//AC005628
 45 C-PLACE1008044//NUCLEAR PORE COMPLEX PROTEIN NUP107 (NUCLEOPORIN NUP107) (107 KD NU-
 CLEOPORIN) (P105).//4.6e-318//613aa//94%//P52590
 C-PLACE1008095
 C-PLACE1008122
 C-PLACE1008129
 50 C-PLACE1008132//HYPOTHETICAL 127.4 KD PROTEIN F07F6.4 IN CHROMOSOME III.//1.3E-24//395aa//
 31%//Q09531
 C-PLACE1008177//TRICHOHYALIN.//2.3E-29//487aa//26%//P37709
 C-PLACE1008209
 C-PLACE1008273//COATOMER GAMMA SUBUNIT (GAMMA-COAT PROTEIN) (GAMMA-COP).//1.3E-283//
 55 671aa//77%//P53620
 C-PLACE1008275//DNA REPAIR PROTEIN REV1 (EC 2.7.7.-).//2.3E-18//162aa//37%//P12689
 C-PLACE1008280
 C-PLACE1008309

- C-PLACE1008329
 C-PLACE1008356//Homo sapiens mRNA for KIAA0679 protein, partial cds.//0//1853bp//100%//AB014579
 C-PLACE1008398//GENE 33 POLYPEPTIDE.//7.3E-114//243aa//87%//P05432
 C-PLACE1008401
 5 C-PLACE1008402//GENERAL VESICULAR TRANSPORT FACTOR P115 (TRANSCYTOSIS ASSOCIATED PROTEIN) (TAP).//0//698aa//95%//P41541
 C-PLACE1008429//ANKYRIN HOMOLOG PRECURSOR.//3.1E-11//189aa//32%//Q06527
 C-PLACE1008457
 C-PLACE1008465
 10 C-PLACE1008488
 C-PLACE1008524//Human DNA sequence from clone 34B21 on chromosome 6p12.1-21.1. Contains part of a gene for a novel protein with ZU5 domain similar to part of Tight Junction Protein ZO1 (TJP1) and UNC5 Homologs, the gene for a novel BZRP (peripheral benzodiazapine recepto//0//1980bp//99%//AL031778
 C-PLACE1008531
 15 C-PLACE1008532
 C-PLACE1008533//101 KD MALARIA ANTIGEN (P101) (ACIDIC BASIC REPEAT ANTIGEN).//1.1E-09//62aa//48%//P22620
 C-PLACE1008568
 C-PLACE1008603//NUCLEAR PORE COMPLEX PROTEIN NUP155 (NUCLEOPORIN NUP155) (155 KD NUCLEOPORIN) (P140).//7.8E-236//453aa//96%//P37199
 20 C-PLACE1008621
 C-PLACE1008626
 C-PLACE1008627//Homo sapiens mRNA for cysteine-rich protein.//0//1850bp//99%//AJ006591
 C-PLACE1008629
 25 C-PLACE1008650//Homo sapiens pleiotropic regulator 1 (PLRG1) mRNA, complete cds.//0//1548bp//100%//AF044333
 C-PLACE1008693
 C-PLACE1008696//Homo sapiens NADH dehydrogenase-ubiquinone Fe-S protein 8 23 kDa subunit (NDUFS8) gene, nuclear gene encoding mitochondrial protein, complete cds.//0//3002bp//99%//AF038406
 30 C-PLACE1008790//IMPORTIN ALPHA-6 SUBUNIT (KARYOPHERIN ALPHA-6 SUBUNIT) (IMPORTIN ALPHA S2).//3.1E-280//533aa//98%//O35345
 C-PLACE1008808//Homo sapiens mRNA for cell cycle checkpoint protein rad1A.//2.3E-269//1225bp//99%//AJ004974
 C-PLACE1008813
 35 C-PLACE1008854
 C-PLACE1008867
 C-PLACE1008887
 C-PLACE1008902
 C-PLACE1008925
 40 C-PLACE1009020//NIFS PROTEIN.//3.9E-55//279aa//41%//P12623
 C-PLACE1009027//Homo sapiens mRNA for doublecortin.//0//1919bp//99%//AJ003112
 C-PLACE1009045
 C-PLACE1009060//BRO1 PROTEIN.//6.7E-19//567aa//24%//P48582
 C-PLACE1009090
 45 C-PLACE1009091
 C-PLACE1009094//FURIN-LIKE PROTEASE 2 PRECURSOR (EC 3.4.21.75) (FURIN 2).//1.9E-44//480aa//30%//P30432
 C-PLACE1009099//ZINC FINGER PROTEIN 41 (FRAGMENT).//1.1E-179//452aa//67%//P51814
 C-PLACE1009110
 50 C-PLACE1009111
 C-PLACE1009130//UBIQUITIN-PROTEIN LIGASE E3A (EC 6.3.2.-) (ONCOGENIC PROTEIN-ASSOCIATED PROTEIN E6-AP).//2E-68//181aa//43%//Q05086
 C-PLACE1009158
 C-PLACE1009166
 55 C-PLACE1009174
 C-PLACE1009186
 C-PLACE1009190
 C-PLACE1009230

C-PLACE1009319//Rattus norvegicus outer membrane protein (OMP25) mRNA, complete cds; nuclear gene for
 mitochondrial product.//2.1E-132//1229bp//75%//AF107295
 C-PLACE1009328
 C-PLACE1009335
 5 C-PLACE1009338
 C-PLACE1009368//METAL HOMEOSTASIS FACTOR ATX2.//2.5E-10//151aa//29%//Q12067
 C-PLACE1009375
 C-PLACE1009388
 C-PLACE1009404//HYPOTHETICAL 105.6 KD PROTEIN C16C9.06C IN CHROMOSOME I.//0.000000047//
 10 165aa//733%//Q09820
 C-PLACE1009434
 C-PLACE1009443
 C-PLACE1009444//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA (EC 2.7.1.67) (PI4-KINASE) (PTDINS-4-KI-
 NASE) (PI4K-ALPHA).//7.8E-71//82aa//89%//P42356
 15 C-PLACE1009459
 C-PLACE1009468//PHOSPHOLIPASE A-2-ACTIVATING PROTEIN (PLAP).//3.1E-289//550aa//93%//P54319
 C-PLACE1009476//PUTATIVE ATP-DEPENDENT RNA HELICASE T26G10.1 IN CHROMOSOME III.//3.9E-40//
 179aa//37%//P34580
 C-PLACE1009524//ARF NUCLEOTIDE-BINDING SITE OPENER (ARNO PROTEIN) (ARF EXCHANGE FAC-
 20 TOR).//8.1E-99//228aa//75%//Q99418
 C-PLACE1009542
 C-PLACE1009571
 C-PLACE1009581
 C-PLACE1009596//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//5.1E-54//291aa//40%//Q00808
 25 C-PLACE1009607
 C-PLACE1009621
 C-PLACE1009622//MATERNAL EFFECT PROTEIN STAUFEN.//1.3E-60//209aa//41%//P25159
 C-PLACE1009659//MEMBRANE-ASSOCIATED PROTEIN HEM-2 (NAPI PROTEIN).//1.5E-285//538aa//99%//
 P55161
 30 C-PLACE1009665
 C-PLACE1009670//Homo sapiens genethonin 1 mRNA, complete cds.//0//1854bp//100%//AF062534
 C-PLACE1009708//HYPOTHETICAL 143.3 KD TRP-ASP REPEATS CONTAINING PROTEIN C12G12.13C IN
 CHROMOSOME I.//7E-33//166aa//43%//Q09876
 C-PLACE1009721//MSF1 PROTEIN.//1.7E-22//176aa//33%//P35200
 35 C-PLACE1009731//AIG1 PROTEIN.//1.6E-22//274aa//28%//P54120
 C-PLACE1009763//Homo sapiens mRNA for Nedd8-activating enzyme hUba3, complete cds.//4.3E-294//1329bp//
 100%//AB012190
 C-PLACE1009794
 C-PLACE1009845//Homo sapiens mRNA for KIAA0905 protein, complete cds.//0//2685bp//99%//AB020712
 40 C-PLACE1009886
 C-PLACE1009908//HYPOTHETICAL GTP-BINDING PROTEIN IN SEH1-PRP20 INTERGENIC REGION.//1.9E-
 108//277aa//43%//P53145
 C-PLACE1009971
 C-PLACE1009992//LIMULUS CLOTTING FACTOR C PRECURSOR (EC 3.4.21.84).//4.6E-59//450aa//34%//
 45 P28175
 C-PLACE1009995//Homo sapiens mRNA; cDNA DKFZp5640123 (from clone DKFZp5640123).//0//1962bp//99%//
 AL080122
 C-PLACE1009997//Rattus norvegicus A-kinase anchoring protein AKAP 220 mRNA, complete cds.//5.2E-70//
 736bp//73%//U48288
 50 C-PLACE1010023
 C-PLACE1010031
 C-PLACE1010053//M.musculus Spnr mRNA for RNA binding protein.//6E-279//1402bp//94%//X84692
 C-PLACE1010074//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds.//0//2019bp//99%//AF065482
 C-PLACE1010076
 55 C-PLACE1010096//100 KD PROTEIN (EC 6.3.2.-).//1.4E-268//506aa//98%//Q62671
 C-PLACE1010102
 C-PLACE1010105//RING CANAL PROTEIN (KELCH PROTEIN).//7.3E-114//537aa//44%//O04652
 C-PLACE1010106//Homo sapiens mRNA; cDNA DKFZp586M1418 (from clone DKFZp586M1418).//0//1974bp//

99%//AL049385
 C-PLACE1010134//TRANSCRIPTION REGULATORY PROTEIN SNF2 (SWI/SNF COMPLEX COMPONENT SNF2) (REGULATORY PROTEIN SWI2) (REGULATORY PROTEIN GAM1) (TRANSCRIPTION FACTOR TYE3).//1.7E-20//156aa//42%//P22082

5 C-PLACE1010148//CYLICIN I (MULTIPLE-BAND POLYPEPTIDE I).//0.00000046//431aa//23%//P35662
 C-PLACE1010194//SPLICING FACTOR, ARGININE/SERINE-RICH 2 (SPLICING FACTOR SC35) (SC-35) (SPLICING COMPONENT, 35 KD) (PR264 PROTEIN).//9.8E-11//95aa//49%//Q01130
 C-PLACE1010202
 C-PLACE1010261//SEGREGATION DISTORTER PROTEIN.//1.6E-77//214aa//62%//P25722

10 C-PLACE1010274//Homo sapiens mRNA; cDNA DKFZp5640123 (from clone DKFZp5640123).//0//1964bp//99%//AL080122
 C-PLACE1010293
 C-PLACE1010321//NON-GREEN PLASTID TRIOSE PHOSPHATE TRANSLOCATOR PRECURSOR (CTPT).//1.1E-09//350aa//22%//P52178

15 C-PLACE1010324
 C-PLACE1010329
 C-PLACE1010362//1-PHOSPHATIDYLINOSITOL PHOSPHODIESTERASE PRECURSOR (EC 3.1.4.10) (PHOSPHATIDYLINOSITOL-SPECIFIC PHOSPHOLIPASE C) (PI-PLC).//0.000000002//126aa//29%//P34024
 C-PLACE1010364

20 C-PLACE1010383
 C-PLACE1010481//Homo sapiens mRNA for KIAA0836 protein, partial cds.//0//2121bp//99%//AB020643
 C-PLACE1010491
 C-PLACE1010492
 C-PLACE1010522//Homo sapiens mRNA for DEPP (decidual protein induced by progesterone), complete cds.//0//1981bp//99%//AB022718

25 C-PLACE1010529
 C-PLACE1010547//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//0.00000012//616aa//24%//P253 86
 C-PLACE1010599//Homo sapiens Pex14 mRNA for peroxisomal membrane anchor protein, complete cds.//0//1904bp//99%//AB017546

30 C-PLACE1010616
 C-PLACE1010622//TROPONIN T, CARDIAC MUSCLE ISOFORMS (TNTC).//0.00000016//120aa//28%//P02642
 C-PLACE1010629
 C-PLACE1010630

35 C-PLACE1010661//TESTIS-SPECIFIC PROTEIN PBS13.//5.7E-75//423aa//39%//Q01755
 C-PLACE1010714
 C-PLACE1010720//Homo sapiens mRNA for chromosome-associated polypeptide-C, complete cds.//4E-299//1091bp//99%//AB019987
 C-PLACE1010743//Homo sapiens myosin-IXb splice variant (Myo9b) mRNA, partial cds.//8.9E-91//668bp//82%//AF020267

40 C-PLACE1010771//M.musculus HCNGP mRNA.//7.4E-168//966bp//89%//X68061
 C-PLACE1010786
 C-PLACE1010800
 C-PLACE1010811

45 C-PLACE1010870//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//1.3E-143//407aa//58%//Q05481
 C-PLACE1010877//Homo sapiens mRNA for KIAA0610 protein, partial cds.//0//1885bp//99%//AB011182
 C-PLACE1010900
 C-PLACE2000050

50 C-PLACE4000522//NEUROGENIC LOCUS NOTCH PROTEIN HOMOLOG PRECURSOR (XOTCH PROTEIN)-//2.4E-191//828aa//48%//P21783
 C-PLACE4000590
 C-PLACE4000638
 C-PLACE4000650//TUBERIN (TUBEROUS SCLEROSIS 2 HOMOLOG PROTEIN).//7.9E-17//201aa//34%//P49816

55 C-Y79AA1001647

Homology Search Result Data 7.

[0315] The result of the homology search of the SwissProt using the 5'-end sequence (54 clones selected in EXAM-
PLE 16).

5 [0316] Data include

the name of clone,
definition of the top hit data,
the P-value: the length of the compared sequence: identity (%), and
10 the organism and the Accession No. of the top hit data, as in the order separated by //.

[0317] Data are not shown for the clones in which the P-value was higher than 1.

15 F-HEMBA1000497//METALLOTHIONEIN-LIKE PROTEIN 2A (MT-2A) (MT-K) (MT-1G).//0.13//52//38//P25860
F-HEMBA1001750//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 64E (EC 3.1.2.15) (UBIQUITIN THI-
OLESTERASE 64E) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 64E) (DEUBIQUITINATING ENZYME
64E).//2.2e-28//104//59//Q24574
F-HEMBA1003854//VERPROLIN.//0.012//138//31//P37370
F-HEMBA1004193//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4L (EC 1.6.5.3) (FRAGMENT).//0.93//39//
20 33//Q37131
F-HEMBA1004860//HIGH POTENTIAL IRON-SULFUR PROTEIN, ISOZYME 2 (HIPIP 2).//0.90//20//50//P38524
F-HEMBA1005572//ZINC FINGER PROTEIN 124 (HZF-16).//7.6e-46//141//58//Q15973
F-HEMBA1006038//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENT).//0.0033//32//46//P70560
F-HEMBA1006092//VERPROLIN.//1.0//62//35//P37370
25 F-HEMBA1006406//MATING PHEROMONE ER-10 PRECURSOR (EUPLOMONE R10).//0.30//41//36//P12350
F-HEMBA1006650//MATING-TYPE PHEROMONE BAP1(2) PRECURSOR.//0.089//21//52//Q02593
F-HEMBA1006812//HEAT SHOCK PROTEIN HTGA (HEAT SHOCK PROTEIN HTPY).//0.38//156//30//P28697
F-HEMBA1000672
F-HEMBA1001197//DNA-BINDING PROTEIN 65 (PROTEIN GP65).//1.0//30//36//P16012
30 F-HEMBA1001871//BONE/CARTILAGE PROTEOGLYCAN I PRECURSOR (BIGLYCAN) (PG-S1).//3.7e-54//
241//47//P47853
F-MAMMA1001252//HYPOTHETICAL 9.1 KD PROTEIN IN NIRQ 3'REGION (ORF3).//0.59//48//39//Q51483
F-MAMMA1002094
F-NT2RM4000634//T-CELL RECEPTOR BETA CHAIN PRECURSOR (ANA 11).//0.26//58//27//P06333
35 F-NT2RM4000657//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE DELTA 1 (EC
3.1.4.11) (PLC-DELTA-1) (PHOSPHOLIPASE C-DELTA-1) (PLC-III) (FRAGMENT).//8.9e-20//83//48//P10895
F-NT2RM4000783//ZINC FINGER PROTEIN (FRAGMENT).//1.0//42//40//P19326
F-NT2RM4000857//INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN COMPLEX ACID LABILE CHAIN
PRECURSOR (ALS).//6.0e-23//207//32//Q02833
40 F-NT2RM4001178//HOMEBOX PROTEIN OTX3 (ZOTX3).//0.012//156//28//Q90267
F-NT2RM4002420//GLUTAMIC ACID-RICH PROTEIN PRECURSOR.//0.0012//81//37//P13816
F-NT2RP2000198//CREB-BINDING PROTEIN.//0.29//98//37//Q92793
F-NT2RP2000551//PROTEIN Q300.//0.00017//23//60//Q02722
F-NT2RP2000660//HYPOTHETICAL PROTEIN MJ0401.//1.0//41//29//Q57844
45 F-NT2RP2001214//MALE SPECIFIC SPERM PROTEIN MST84DC.//0.27//13//61//Q01644
F-NT2RP2001460//PROTEIN KINASE C-LIKE (EC 2.7.1.-).//0.089//99//29//Q99014
F-NT2RP2001756//ZINC FINGER PROTEIN MFG-1 (ZINC FINGER PROTEIN 58) (FRAGMENT).//4.0e-13//177//
28//P16372
F-NT2RP2002056//HYPOTHETICAL 6.0 KD PROTEIN IN THI12 5'REGION.//0.37//12//75//P53820
50 F-NT2RP2002677//NONSPECIFIC LIPID-TRANSFER PROTEIN 3 PRECURSOR (LTP 3).//0.99//61//32//Q42616
F-NT2RP2002755//OCTAPEPTIDE-REPEAT PROTEIN T2.//3.3e-10//90//35//Q06666
F-NT2RP2002843//CYTOCHROME B.//0.78//103//26//P48884
F-NT2RP2003101//ATPASE INHIBITOR, MITOCHONDRIAL HOMOLOG.//0.40//28//46//P37209
F-NT2RP2003799//HYPOTHETICAL PROTEIN MJ0116.1.//0.80//55//32//P81303
55 F-NT2RP2004095
F-NT2RP2004732
F-NT2RP2004920//HISTIDINE-RICH, METAL BINDING POLYPEPTIDE.//0.18//18//55//Q48251
F-NT2RP2005454

F-NT2RP2005776//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYLTRANSFERASE) (FRAGMENT).//7.4e-38//136//41//P51003
 F-NT2RP2005806//A-AGGLUTININ ATTACHMENT SUBUNIT PRECURSOR.//4.0e-08//180//28//P32323
 F-NT2RP2005882
 5 F-NT2RP3001282//METHYL-ACCEPTING CHEMOTAXIS PROTEIN TLPB.//0.0022//69//39//P39217
 F-NT2RP3001723//TRANSCRIPTIONAL REGULATORY PROTEIN ALGP (ALGINATE REGULATORY PROTEIN ALGR3).//0.00035//127//31//P15276
 F-NT2RP3002099//NONHISTONE CHROMOSOMAL PROTEIN HMG-17.//0.97//71//28//P05204
 10 F-NT2RP3003155//CCAAT DISPLACEMENT PROTEIN (HOMEBOX PROTEIN CLOX) (CLOX-1) (FRAGMENT).//0.064//110//34//P39881
 F-NT2RP3004028//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 (EC 1.6.5.3) (FRAGMENT).//0.020//95//29//P15583
 F-OVARC1000008//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN).//2.8e-05//165//29//P17437
 15 F-OVARC1000724//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE K) [CONTAINS: PEPTIDE P-D] (FRAGMENT).//0.035//152//30//P10162
 F-OVARC1000751//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICPO (VMW118 PROTEIN).//0.38//124//31//P28284
 F-OVARC1001029
 20 F-PLACE1000814//EC PROTEIN HOMOLOG 2 (FRAGMENT).//0.45//61//24//Q42377
 F-PLACE1003030//GALECTIN-3 (GALACTOSE-SPECIFIC LECTIN 3) (MAC-2 ANTIGEN) (IGE-BINDING PROTEIN) (35 KD LECTIN) (CARBOHYDRATE BINDING PROTEIN 35) (CBP 35) (LAMININ-BINDING PROTEIN) (LECTIN L-29).//0.70//121//32//P47845
 F-PLACE1005549//RHO1 GDP-GTP EXCHANGE PROTEIN 1 (PROTEIN KINASE C SUPPRESSOR SKC1).//3.2e-08//205//24//P53046
 25 F-PLACE1007218//IG KAPPA CHAIN V-III REGION (PC 7210).//0.99//52//38//P01668

Homology Search Result Data 8.

30 **[0318]** The result of the homology search of the GenBank using the clone sequence of 5'-end (54 clones selected in EXAMPLE 16.) except EST and STS.

[0319] Data include

35 the name of clone,
 definition of the top hit data,
 the P-value: the length of the compared sequence: identity (%), and
 the Accession No. of the top hit data, as in the order separated by //.

[0320] Data are not shown for the clones in which the P-value was higher than 1.

40 F-HEMBA1000497
 F-HEMBA1001750//Human mitochondrial genes for several tRNAs (Phe, Val, Leu) and 12S and 16S ribosomal RNAs.//6.6e-101//473//99//V00710
 F-HEMBA1003854//Homo sapiens clone RG270D13, *** SEQUENCING IN PROGRESS ***, 18 unordered pieces.//1.7e-05//412//61//AC005081
 45 F-HEMBA1004193//Human BAC clone RG343H22 from 7q31, complete sequence.//0.77//466//59//AC002386
 F-HEMBA1004860//Human pigment epithelium-derived factor gene, complete cds.//6.7e-07//492//57//U29953
 F-HEMBA1005572//HZF-16=Kruppel-related zinc finger gene homolog {alternatively spliced} [human, hepatoblastoma cell line, HEP-G2, mRNA, 2080 nt].//2.9e-47//341//77//S54641
 50 F-HEMBA1006038//Human DNA sequence from clone 989H11 on chromosome 22q13.1-13.2, complete sequence.//0.28//436//59//Z83851
 F-HEMBA1006092//Human chromosome 16p13.11 BAC clone CIT987SK-29B12 complete sequence.//0.28//309//60//U95738
 F-HEMBA1006406//HS_2268_B2_C07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2268 Col=14 Row=F, genomic survey sequence.//3.7e-69//340//99//AQ070566
 55 F-HEMBA1006650//H.sapiens CpG island DNA genomic MseI fragment, clone 5h5, forward read cpg5h5.f1a.//9.4e-24//143//96//Z55730
 F-HEMBA1006812//X.laevis xUBFalpha mRNA for upstream binding factor 2.//0.96//234//64//X59863

- F-HEMBB1000672//CIT-HSP-2350H6.TF CIT-HSP Homo sapiens genomic clone 2350H6, genomic survey sequence.//1.1e-68//375//94//AQ059158
- F-HEMBB1001197//Drosophila melanogaster strawberry notch (sno) mRNA, complete cds.//2.8e-10//229//66//U95760
- 5 F-HEMBB1001871//Equus caballus dermatan sulfate proteoglycan II mRNA, complete cds.//1.2e-27//619//62//AF038127
- F-MAMMA1001252
- F-MAMMA1002094//H.sapiens CpG island DNA genomic MseI fragment, clone 184g7, forward read cpg184g7.ft1a.//3.4e-29//167//97//Z59993
- 10 F-NT2RM4000634//Chionocetes opilio (clone COP41) DNA microsatellite repeat regions.//1.4e-21//230//73//L49136
- F-NT2RM4000657//Human mRNA for phospholipase C, complete cds.//0.029//245//61//D42108
- F-NT2RM4000783//Homo sapiens chromosome 16, cosmid clone 330D11 (LANL), complete sequence.//3.7e-36//324//70//AC005199
- 15 F-NT2RM4000857//RPCI11-49P19.TJ RPCI-11 Homo sapiens genomic clone RPCI-11-49P19, genomic survey sequence.//1.5e-62//322//97//AQ051961
- F-NT2RM4001178//Streptomyces coelicolor cosmid 7H1.//0.0025//296//62//AL021411
- F-NT2RM4002420//Homo sapiens chromosome 17, clone hRPK.63_A_1, complete sequence.//0.00013//121//76//AC005670
- 20 F-NT2RP2000198//Human platelet glycoprotein IX mRNA, 3' end.//0.016//246//62//M25827
- F-NT2RP2000551//Rattus norvegicus microsatellite sequence clone 82G9.//2.0e-08//223//69//AJ233812
- F-NT2RP2000660//Homo sapiens chromosome 19, cosmid R30953, complete sequence.//0.0073//209//66//AC005622
- F-NT2RP2001214
- 25 F-NT2RP2001460//Homo sapiens PAC clone DJ0905J08 from 7p12-p14, complete sequence.//1.0//80//76//AC005189
- F-NT2RP2001756//CIT-HSP-2373P1.TR CIT-HSP Homo sapiens genomic clone 2373P1, genomic survey sequence.//3.0e-38//220//94//AQ110589
- F-NT2RP2002056//Genomic sequence from Human 17, complete sequence.//1.2e-80//317//91//AC002094
- 30 F-NT2RP2002677//Homo sapiens chromosome 10 clone CIT987SK-1031G15 map 10q25, *** SEQUENCING IN PROGRESS ***, 1 ordered pieces.//0.032//141//70//AC006097
- F-NT2RP2002755//Homo sapiens genomic DNA of 21q22.2 Down Syndrome region, segment 9/13.7/1.8e-22//377//69//AP000018
- F-NT2RP2002843//Homo sapiens BAC clone RG030L05 from 7q22, complete sequence.//6.5e-16//311//63//AC005050
- 35 F-NT2RP2003101//Human FMR1 gene, 5' end.//0.32//105//67//L19476
- F-NT2RP2003799//Human DNA for 5' terminal region of LINE-1 transposable element clone CGL1-4.//1.6e-33//119//96//X52233
- F-NT2RP2004095//HS_3083_A1_A02_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3083 Col=3 Row=A, genomic survey sequence.//1.0e-14//154//79//AQ106698
- 40 F-NT2RP2004732//CIT-HSP-631P16.TP CIT-HSP Homo sapiens genomic clone 631P16, genomic survey sequence.//2.3e-20//120//99//B79035
- F-NT2RP2004920//Plasmodium falciparum MAL3P4, complete sequence.//0.030//397//59//AL008970
- F-NT2RP2005454//Plasmodium falciparum chromosome 2, section 47 of 73 of the complete sequence.//0.97//455//56//AE001410
- 45 F-NT2RP2005776//H.sapiens PAP mRNA.//1.0e-33//451//68//X76770
- F-NT2RP2005806//Mus musculus sex determining protein (Sry) gene, complete cds.//0.029//412//60//U70652
- F-NT2RP2005882//Human DNA sequence from PAC 389A20 on chromosome X contains ESTs STS, CpG islands and polymorphic CA repeat.//9.4e-25//155//90//Z93242
- 50 F-NT2RP3001282//RPCI11-52L16.TJ RPCI-11 Homo sapiens genomic clone RPCI-11-52L16, genomic survey sequence.//3.2e-21//122//100//AQ052775
- F-NT2RP3001723//H.sapiens CpG island DNA genomic MseI fragment, clone 13g5, reverse read cpg13g5.rt1a.//2.2e-18//163//85//Z56771
- 55 F-NT2RP3002099//Homo sapiens chromosome 17, clone hCIT.296_K_1, complete sequence.//1.3e-76//351//86//AC005180
- F-NT2RP3003155
- F-NT2RP3004028//Sequence 1 from patent US 5618695.//3.3e-13//217//70//I40055

F-OVARC1000008///0.0040//674//57//M82836
 F-OVARC1000724//Herpes simplex virus type I immediate early (IE) gene 3 for transcriptional activator IE175 (= ICP 4).//1.1e-07//519//59//X06461
 F-OVARC1000751//Homo sapiens DNA from chromosome 19, cosmid R29144, complete sequence.//7.2e-11//
 5 509//62//AC004221
 F-OVARC1001029//Human DNA sequence from clone 19408 on chromosome 6q24.1-25.3 Contains STS and GSSs, complete sequence.//1.1e-05//388//61//AL031769
 F-PLACE1000814//Homo sapiens BAC clone GS011E15 from 5q31, complete sequence.//1.4e-84//717//78//
 AC002427
 10 F-PLACE1003030
 F-PLACE1005549//Human guanine nucleotide regulatory protein (NET1) mRNA, complete cds.//4.9e-56//709//68//U02081
 F-PLACE1007218//Homo sapiens chromosome 20 clone RP3-387E22, *** SEQUENCING IN PROGRESS ***, in unordered pieces.//3.1e-39//214//98//AL031660

Homology Search Result Data 9.

[0321] The result of the homology search of the GenBank using the clone sequence of 3'-end (54 clones selected in EXAMPLE 16.) except EST and STS.

[0322] Data include

the name of clone,
 definition of the top hit data,
 the P-value: the length of the compared sequence: identity (%), and
 25 the Accession No. of the top hit data, as in the order separated by //.

[0323] Blank indicates that the 3'-end sequence corresponding to the 5'-end was not determined in the clone.

[0324] Data are not shown for the clones in which the P-value was higher than 1.

30 R-HEMBA1000497//***ALU WARNING: Human Alu-J subfamily consensus sequence.//1.4e-38//185//84//U14567
 R-HEMBA1001750//Hansenula wingei mitochondrial DNA, complete sequence.//1.7e-07//399//59//D31785
 R-HEMBA1003854//Human DNA sequence from clone 224A6 on chromosome 1p35.1-36.23 Contains part of a gene similar to Mouse Wnt-4 protein, the gene for CDC42 (cell division cycle 42 (GTP-binding protein, 25kD)), ESTs, STSs, GSSs and a CpG Island, complete sequence.//1.4e-75//309//85//AL031281
 35 R-HEMBA1004193//***ALU WARNING: Human Alu-J subfamily consensus sequence.//1.1e-34//188//81//U14567
 R-HEMBA1004860//Homo sapiens 12q13.1 PAC RPCI3-197B17 (Roswell Park Cancer Institute Human PAC library) complete sequence.//1.3e-06//239//66//AC004241
 R-HEMBA1005572//Homo sapiens chromosome 21 PAC RPCIP704E14135Q2, complete sequence.//3.1e-21//341//67//AJ010598
 40 R-HEMBA1006038//Homo sapiens chromosome 19, cosmid R34094, complete sequence.//1.7e-24//307//71//AC004678
 R-HEMBA1006092//H. Sapiens mRNA for alpha2-subunit of soluble guanylyl cyclase.//0.76//246//62//X63282
 R-HEMBA1006406//Human DNA sequence from clone 113J7 on chromosome Xp11.22-11.4 Contains part of a putative Homeobox (pseudo?) gene, ESTs and an STS, complete sequence.//1.3e-31//297//77//AL023574
 45 R-HEMBA1006650//Homo sapiens BAC clone BK085E05 from 22q12.1-qter, complete sequence.//1.8e-15//350//65//AC003071
 R-HEMBA1006812//Homo sapiens chromosome X clone RP3-424J12, *** SEQUENCING IN PROGRESS ***, in unordered pieces.//1.8e-55//430//81//Z82207
 R-HEMBA100672//Homo sapiens clone UWGC:y54c283 from 6p21, complete sequence.//9.1e-39//437//71//AC006166
 50 R-HEMBA1001197//Homo sapiens PAC clone DJ0964C11 from 7p14-p15, complete sequence.//1.5e-37//275//85//AC004593
 R-HEMBA1001871//Plasmodium falciparum chromosome 12 clone 3D7, *** SEQUENCING IN PROGRESS ***, 5 unordered pieces.//0.00097//410//59//AC004688
 55 R-MAMMA1001252//Homo sapiens clone 201104, *** SEQUENCING IN PROGRESS ***, 4 unordered pieces.//2.9e-13//364//64//AC004529
 R-MAMMA1002094//HS_3163_A1_A09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3163 Col=17 Row=A, genomic survey sequence.//5.9e-41//256//91//AQ141441

- R-NT2RM4000634//Homo sapiens chromosome 19, cosmid R30783, complete sequence.//1-6e-21//283//73//AC005258
 R-NT2RM4000657
 R-NT2RM4000783
 5 R-NT2RM4000857//RPCI11-63K2.TK RPCI-11 Homo sapiens genomic clone RPCI-11-63K2, genomic survey sequence.//4.0e-07//62//98//AQ203073
 R-NT2RM4001178
 R-NT2RM4002420
 10 R-NT2RP2000198//Homo sapiens Chromosome 16 BAC clone CIT987-SK37914 -complete genomic sequence, complete sequence.//0.58//108//67//AC002307
 R-NT2RP2000551//Homo sapiens DNA, pseudoautosomal boundary-like sequence PABL2.//6.2e-72//391//87//D30043
 R-NT2RP2000660//Homo sapiens chromosome 17, clone hRPK.640_I_15, complete sequence.//0.0058//166//69//AC005324
 15 R-NT2RF2001214//Saccharomyces douglasii mitochondrial tRNA-Ser and tRNA-Phe genes, partial sequence, and Var1p (var1) gene, mitochondrial gene encoding mitochondrial protein, complete cds.//0.93//117//65//U49822
 R-NT2RP2001460
 R-NT2RP2001756//CIT-HSP-2382021.TR CIT-HSP Homo sapiens genomic clone 2382021, genomic survey sequence.//3.4e-91//507//92//AQ114228
 20 R-NT2RP2002056//Homo sapiens DNA sequence from PAC 95C20 on chromosome Xp11.3-11.4. Contains STSs and the DXS7 locus with GT and GTG repeat polymorphisms, complete sequence.//0.00022//225//69//Z97181
 R-NT2RP2002677//CIT-HSP-2349K20.TF CIT-HSP Homo sapiens genomic clone 2349K20, genomic survey sequence.//3.1e-29//178//94//AQ062168
 R-NT2RP2002755//Human DNA sequence from cosmid U65A4, between markers DXS366 and DXS87 on chromosome X *.//5.3e-39//449//72//Z81014
 25 R-NT2RP2002843//Homo sapiens chromosome 17, clone hRPK.22_N_12, complete sequence.//0.0097//498//59//AC005412
 R-NT2RP2003101//CIT-HSP-238301.TR CIT-HSP Homo sapiens genomic clone 238301, genomic survey sequence.//1.2e-32//344//75//AQ196754
 30 R-NT2RP2003799///3.6e-05//408//60//AL010237
 R-NT2RP2004095//Plasmodium falciparum chromosome 4 strain 3D7, *** SEQUENCING IN PROGRESS ***, in unordered pieces.//2.1e-10//455//61//AL034557
 R-NT2RP2004732//Human DNA sequence from clone 703H14 on chromosome 1q23.2-24.3 Contains 3' end of a novel gene, ESTs, CA repeat(D1S445), STS, GSSs, complete sequence.//5.1e-51//383//74//AL031287
 35 R-NT2RP2004920//Homo sapiens chromosome 5, P1 clone 878H11 (LBNL H45), complete sequence.//0.062//315//61//AC005219
 R-NT2RP2005454//Human DNA sequence from PAC 121G13 on chromosome 6 contains flow sorted chromosome 6 HindDIII fragment ESTs. polymorphic CA repeat, CpG island, CpG island genomic fragments.//0.75//246//63//Z86062
 40 R-NT2RP2005776//Homo sapiens PAC clone DJ1189D06 from 7p15.3-p14, complete sequence.//0.91//232//61//AC005232
 R-NT2RP2005806//Human neurofibromatosis type 1 (NF1) gene, intron 19a, complete sequence.//1.3e-19//405//66//U37368
 R-NT2RP2005882//Plasmodium falciparum MAL3P1, complete sequence.//1.1e-09//533//60//Z97348
 45 R-NT2RP3001282//Plasmodium falciparum MAL3P8, complete sequence.//0.00026//499//58//AL034560
 R-NT2RP3001723//Human BAC clone RG354L07 from 7q31, complete sequence.//0.00035//337//61//AC002466
 R-NT2RP3002099//Homo sapiens chromosome 17, clone hCIT.296_K_1, complete sequence.//1.8e-44//307//86//AC005180
 R-NT2RP3003155
 50 R-NT2RP3004028//F14A6-Sp6 IGF Arabidopsis thaliana genomic clone F14A6, genomic survey sequence.//0.95//95//65//B21351
 R-OVARC1000008
 R-OVARC1000724//Homo sapiens BAC clone RG017K18 from 7q31, complete sequence.//0.91//83//71//AC005161
 55 R-OVARC1000751//HS_2222_A2_C09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2222 Col=18 Row=E, genomic survey sequence.//2.8e-12//176//72//AQ033143
 R-OVARC1001029//Homo sapiens Xp22 Cosmid U151G1 (from Lawrence Livermore X library) and PAC RPCI1-93D11 (from Roswell Park Cancer Center) complete sequence.//1.2e-09//165//75//AC002357

R-PLACE1000814//Homo sapiens BAC clone GS465N13 from 7p15-p21, complete sequence.//6.2e-52//514//75//AC004744

R-PLACE1003030//Homo sapiens snRNA activating protein complex 190kD subunit (SNAP190) mRNA, complete cds.//9.6e-33//225//90//AF032387

5 R-PLACE10e5549//Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone: K19P17, complete sequence.//0.097//323//61//AB007644

R-PLACE1007218//Homo sapiens chromosome 20 clone RP3-387E22, *** SEQUENCING IN PROGRESS ***, in unordered pieces.//1.1e-88//497//91//AL031660

10 Homology Search Result Data 10.

[0325] The result of the homology search of the Human Unigene using the clone sequence of 5'-end (54 clones selected in EXAMPLE 16.) .

[0326] Data include

15

the name of clone,
title of the top hit data,
the P-value: the length of the compared sequence: identity (%), and
the Accession No. of the top hit data, as in the order separated by //.

20

[0327] Data are not shown for the clones in which the P-value was higher than 1.

F-HEMBA1000497//ou15a11.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:1626332 3', mRNA sequence.//1.0//186//65//AI018130

25

F-HEMBA1001750//Human mRNA for TI-227H.//2.5e-101//473//99//D50525

F-HEMBA1003854//Homo sapiens mRNA for KIAA1031 protein, partial cds.//7.2e-06//103//80//AB028954

F-HEMBA1004193//Homo sapiens mRNA for TL132.//0.75//334//59//AJ012755

F-HEMBA1004860//ny07e01.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:1271064 3' similar to contains Alu repetitive element; mRNA sequence.//3.7e-06//140//70//AA749151

30

F-HEMBA1005572//HZF-16=Kruppel-related zinc finger gene homolog {alternatively spliced} [human, hepatoblastoma cell line, HEP-G2, mRNA, 2080 nt].//1.1e-48//341//77//S54641

F-HEMBA1006038//Homo sapiens gene for insulin receptor substrate-2, complete cds.//0.036//297//60//AB000732

35

F-HEMBA1006092//ab80f12.s1 Stratagene fetal retina 937202 Homo sapiens cDNA clone IMAGE:853295 3' similar to contains Alu repetitive element; mRNA sequence.//0.65//150//63//AA663266

F-HEMBA1006406//ws26e11.x1 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGE:2498348 3' similar to TR:002710 002710 GAG POLYPROTEIN ; mRNA sequence.//1.4e-32//518//67//AI989639

F-HEMBA1006650//Homo sapiens Arp2/3 protein complex subunit p20-Arc (ARC20) mRNA, complete cds.//1.3e-19//136//90//AF006087

40

F-HEMBA1006812//zh49f01.s1 Soares_fetal_liver_spleen_1NFLS_S1 Homo sapiens cDNA clone IMAGE:415417 3', mRNA sequence.//1.3e-120//579//98//W80404

F-HEMBA1000672//Homo sapiens mRNA for KIAA1040 protein, partial cds.//0.00047//706//57//AB028963

F-HEMBA1001197//tq45e03.x1 NCI_CGAP_Ut1 Homo sapiens cDNA clone IMAGE:2211772 3' similar to TR:001940 001940 STRAWBERRY NOTCH ; mRNA sequence.//1.2e-16//117//92//AI580023

45

F-HEMBA1001871//Human chondroitin/dermatan sulfate proteoglycan (PG40) core protein mRNA, complete cds.//4.6e-26//527//62//M14219

F-MAMMA1001252

F-MAMMA1002094

50

F-NT2RM4000634//DKFZp434D1813_r1 434 (synonym: htes3) Homo sapiens cDNA clone DKFZp434D1813 5', mRNA sequence.//9.7e-16//226//69//AL040136

F-NT2RM4000657//Homo sapiens mRNA for KIAA1069 protein, partial cds.//7.6e-179//817//99//AB028992

F-NT2RM4000783//wd82f06.x1 NCI_CGAP_Lu24 Homo sapiens cDNA clone IMAGE:2338115 3', mRNA sequence.//1.8e-20//470//65//AI703299

55

F-NT2RM4000857//Homo sapiens KIAA0416 mRNA, partial cds.//1.9e-46//749//65//AB007876

F-NT2RM4001178//Homo sapiens protein tyrosine phosphatase (PAC-1) mRNA, complete cds.//0.0024//254//63//L11329

F-NT2RM4002420//wg39f11.x1 Soares_NSF_F8_9W_OT_PA_P_S1 Homo sapiens cDNA clone IMAGE:2367501 3' similar to contains element L1 L1 repetitive element ; mRNA sequence.//1.4e-13//127//84//AI742251

F-NT2RP2000198//Human mRNA for platelet glycoprotein IX.//0.0033//241//62//X52997
 F-NT2RP2000551//ze37d12.s1 Soares retina N2b4HR Homo sapiens cDNA clone IMAGE:361175 3', mRNA sequence.//5.0e-07//116//71//AA017066
 F-NT2RP2000660//qx01g11.x1 NCI_CGAP_Br14 Homo sapiens cDNA clone IMAGE:1999364 3', mRNA sequence.//0.027//120//65//AI225283
 F-NT2RP2001214
 F-NT2RP2001460//wb50h10.x1 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGE:2309155 3', mRNA sequence.//0.0013//89//78//AI651878
 F-NT2RP2001756//zw54e12.s1 Soares_total_fetus_Nb2HF8_9w Homo sapiens cDNA clone IMAGE:773902 3' similar to TR:G456660 G456660 ZINC FINGER PROTEIN ZFP-1 ; mRNA sequence.//2.3e-18//120//93//AA427992
 F-NT2RP2002056//tw44g09.x1 NCI_CGAP_Ut1 Homo sapiens cDNA clone IMAGE:2262592 3' similar to contains Alu repetitive element; mRNA sequence.//2.4e-07//99//79//AI811687
 F-NT2RP2002677
 F-NT2RP2002755//zj83d10.s1 Soares_fetal_liver_spleen_1NFLS_S1 Homo sapiens cDNA clone IMAGE:461491 3' similar to contains element TAR1 repetitive element ; mRNA sequence.//1.9e-19//229//76//AA705059
 F-NT2RP2002843//wt88dl2.x1 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGE:2514551 3' similar to TR:P79522 P79522 MHC CLASS I REGION PROLINE RICH PROTEIN.; mRNA sequence.//8.2e-15//314//67//AI964055
 F-NT2RP2003101//wi65a03.x1 NCI_CGAP_Kid12 Homo sapiens cDNA clone IMAGE:2398156 3', mRNA sequence.//0.38//106//68//AI763133
 F-NT2RP2003799//Homo sapiens mRNA; cDNA DKFZp564C142 (from clone DKFZp564C142).//2.5e-29//124//91//AL049979
 F-NT2RP2004095
 F-NT2RP2004732//Homo sapiens mRNA for KIAA0884 protein, partial cds.//2.6e-109//533//96//AB020691
 F-NT2RP2004920//wz68d10.x1 NCI_CGAP_Mel15 Homo sapiens cDNA clone IMAGE:2563219 3' similar to TR:000172 000172 LINE-1 REVERSE TRANSCRIPTASE ; mRNA sequence.//0.0020//220//61//AI969546
 F-NT2RP2005454//Homo sapiens mRNA for KIAA0977 protein, complete cds.//0.058//143//69//AB023194
 F-NT2RP2005776//H.sapiens PAP mRNA.//4.3e-35//451//68//X76770
 F-NT2RP2005806//HSZ78328 Human fetal brain S. Meier-Ewert Homo sapiens cDNA clone 2.48 (CEPH) 3', mRNA sequence.//2.0e-05//385//62//Z78328
 F-NT2RP2005882//Human mRNA for KIAA0364 gene, complete cds.//7.3e-23//141//94//AB002362
 F-NT2RP3001282
 F-NT2RP3001723//ws73d05.x1 NCI_CGAP_Co3 Homo sapiens cDNA clone IMAGE:2503593 3' similar to contains MSR1.t1 TAR1 TAR1 repetitive element ; mRNA sequence.//2.6e-07//245//66//AW008782
 F-NT2RP3002099//yg49d01.s1 Soares infant brain 1NIB Homo sapiens cDNA clone IMAGE:36239 3', mRNA sequence.//0.58//164//64//R46086
 F-NT2RP3003155
 F-NT2RP3004028//Homo sapiens mRNA for KIAA1074 protein, complete cds.//1.3e-29//488//66//AB028997
 F-OVARC1000008//Homo sapiens mRNA for KIAA0665 protein, complete cds.//0.00032//430//59//AB014565
 F-OVARC1000724//Homo sapiens mRNA for KIAA0641 protein, complete cds.//0.0054//426//58//AB014541
 F-OVARC1000751//Human Tis11d gene, complete cds.//4.6e-12//527//62//U07802
 F-OVARC1001029//qv29c05.x1 NCI_CGAP_Ov31 Homo sapiens cDNA clone IMAGE:1982984 3' similar to contains element L1 repetitive element ; mRNA sequence.//0.0012//145//68//AI252422
 F-PLACE1000814//ak42f05.s1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1408641 3', mRNA sequence.//7.1e-31//275//76//AA868469
 F-PLACE1003030
 F-PLACE1005549//Homo sapiens mRNA for Rho guanine nucleotide-exchange factor, splice variant NET1A.//1.2e-57//737//67//AJ010046
 F-PLACE1007218//yo34a08.s1 Soares adult brain N2b4HB55Y Homo sapiens cDNA clone IMAGE:179798 3', mRNA sequence.//2.2e-21//216//76//H52716

Homology Search Result Data 11.

[0328] The result of the homology search of the Human Unigene using the clone sequence of 3'-end (54 clones selected in EXAMPLE 16.).

[0329] Data include

the name of clone,

title of the top hit data,
the P-value: the length of the compared sequence: identity (%), and
the Accession No. of the top hit data, as in the order separated by //.

- 5 [0330] Blank indicates that the 3'-end sequence corresponding to the 5'-end was not determined in the clone.
[0331] Data are not shown for the clones in which the P-value was higher than 1.
- R-HEMBA1000497//np09h02.s1 NCI_CGAP_Pr3 Homo sapiens cDNA clone IMAGE:1115859 similar to contains
Alu repetitive element;contains element MER22 repetitive element ; mRNA sequence.//6.2e-38//185//83//
10 AA614254
- R-HEMBA1001750//yy71b10.s1 Soares_multiple_sclerosis_2NbHMSP Homo sapiens cDNA clone IMAGE:
278971 3', mRNA sequence.//0.004511193//63//N63303
- R-HEMBA1003854//Homo sapiens mRNA; cDNA DKFZp564F133 (from clone DKFZp564F133).//3.4e-72//310//
80//AL049263
- 15 R-HEMBA1004193//tr01e08.x1 NCI_CGAP_Ov23 Homo sapiens cDNA clone IMAGE:2217062 3' similar to con-
tains Alu repetitive element;contains element MER4 repetitive element ; mRNA sequence.//1.5e-33//186//81//
AI914747
- R-HEMBA1004860//qh16b06.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:1844819 3', mRNA
sequence.//0.017//118//69//AI218308
- 20 R-HEMBA1005572//wj16h05.x1 NCI_CGAP_Kid12 Homo sapiens cDNA clone IMAGE:2403033 3', mRNA se-
quence.//4.6e-111//522//99//AI861830
- R-HEMBA1006038//DKFZp434E1117_r1 434 (synonym: htes3) Homo sapiens cDNA clone DKFZp434E1117 5',
mRNA sequence.//1.2e-22//295//72//AL041450
- R-HEMBA1006092//qt30d09.x1 Soares_pregnant_uterus_NbHPU Homo sapiens cDNA clone IMAGE: 1949489
25 3' similar to contains element PTR5 repetitive element ; mRNA sequence.//1.4e-87//422//98//AI337963
- R-HEMBA1006406//Homo sapiens mRNA for KIAA0752 protein, partial cds.//4.1e-30//291//76//AB018295
- R-HEMBA1006650//H.sapiens mRNA for serine/threonine protein kinase EMK.//3.6e-09//319//62//X97630
- R-HEMBA1006812//Human mRNA for KIAA0118 gene, partial cds.//3.1e-52//337//87//D42087
- R-HEMBA100672//Homo sapiens mRNA; cDNA DKFZp434M011 (from clone DKFZp434M011).//3.2e-48//276//
30 74//AL096734
- R-HEMBA1001197//zt35b11.r1 Soares ovary tumor NbHOT Homo sapiens cDNA clone IMAGE:724317 5' similar
to contains Alu repetitive element; mRNA sequence.//9.9e-44//275//88//AA410788
- R-HEMBA1001871//wg20c02.x1 Soares_NSF_F8_9W_OT_PA_P_S1 Homo sapiens cDNA clone IMAGE:
2365634 3', mRNA sequence.//6.3e-104//501//98//AI741321
- 35 R-MAMMA1001252//aa61h04.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:825463 3' similar to con-
tains Alu repetitive element;contains element XTR repetitive element ; mRNA sequence.//9.0e-19//127//91//
AA504355
- R-MAMMA1002094//wd28h12.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2329511 3', mR-
NA sequence.//2.5e-68//328//99//AI936520
- 40 R-NT2RM4000634//DKFZp434F2016_s1 434 (synonym: htes3) Homo sapiens cDNA clone DKFZp434F2016 3',
mRNA sequence.//8.2e-20//185//81//AL041146
- R-NT2RM4000657//Homo sapiens mRNA for KIAA1069 protein, partial cds.//5.7e-62//335//94//AB028992
- R-NT2RM4000783
- R-NT2RM4000857//Human megakaryocyte stimulating factor mRNA, complete cds.//0.00074//360//61//U70136
- 45 R-NT2RM4001178//tk08e03.x1 NCI_CGAP_Lu24 Homo sapiens cDNA clone IMAGE:2150428 3', mRNA se-
quence.//0.77//96//62//AI457506
- R-NT2RM4002420//wl58b04.x1 NCI_CGAP_Bm25 Homo sapiens cDNA clone IMAGE:2429071 3', mRNA se-
quence.//2.4e-85//438//94//AI857508
- R-NT2RP2000198//nx19b11.s1 NCI_CGAP_GC3 Homo sapiens cDNA clone IMAGE:1256541 3', mRNA se-
50 quence.//1.9e-45//270//91//AA738352
- R-NT2RP2000551//tg80h11.x1 Soares_NhHMPu_S1 Homo sapiens cDNA clone IMAGE:2115141 3', mRNA se-
quence.//3.3e-53//311//85//AI417680
- R-NT2RP2000660//ns42a06.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:1186258 3', mRNA se-
quence.//4.3e-26//142//97//AA805691
- 55 R-NT2RP2001214//tw65g08.x1 NCI_CGAP_Ut3 Homo sapiens cDNA clone IMAGE:2264606 3' similar to contains
element MSR1 repetitive element ; mRNA sequence.//1.5e-57//289//97//AI680174
- R-NT2RP2001460
- R-NT2RP2001756//zw54e12.s1 Soares_total_fetus_Nb2HF8_9w Homo sapiens cDNA clone IMAGE:773902 3'

similar to TR:G456660 G456660 ZINC FINGER PROTEIN ZFP-1 ; mRNA sequence.//6.0e-13//85//96//AA427992
 R-NT2RP2002056//yh26a12.s1 Soares placenta Nb2HP Homo sapiens cDNA clone IMAGE:130846 3', mRNA
 sequence.//0.0016//208//65//R22302
 R-NT2RP2002677//Homo sapiens mRNA for KIAA0524 protein, partial cds.//3.4e-26//339//71//AB011096
 5 R-NT2RP2002755//qd50d10.x1 Soares_fetal_heart_NbHH19W Homo sapiens cDNA clone IMAGE:1732915 3',
 mRNA sequence.//1.5e-26//419//66//AI190698
 R-NT2RP2002843//at31f08.x1 Barstead colon HPLRB7 Homo sapiens cDNA clone IMAGE:2373639 3' similar to
 contains L1.t1 L1 repetitive element; mRNA sequence.//1.8e-45//463//74//AI749673
 R-NT2RP2003101//ty24h05.x1 NCI_CGAP_Ut3 Homo sapiens cDNA clone IMAGE:2280057 3', mRNA se-
 10 quence.//7.5e-73//347//99//AI758824
 R-NT2RP2003799//Homo sapiens mRNA for KIAA0751 protein, complete cds.//0.0026//247//65//AB018294
 R-NT2RP2004095//zv08c02.s1 Soares_NhHMPu_S1 Homo sapiens cDNA clone IMAGE:753026 3' similar to con-
 tains element MER32 repetitive element ; mRNA sequence.//9.6e-07//188//66//AA436455
 R-NT2RP2004732//tu60a07.x1 NCI_CGAP_Gas4 Homo sapiens cDNA clone IMAGE:2255412 3' similar to con-
 15 tains Alu repetitive element;contains element L1 repetitive element ; mRNA sequence.//4.3e-25//414//68//
 AI678956
 R-NT2RP2004920//wd13h02.x1 NCI_CGAP_Co3 Homo sapiens cDNA clone IMAGE:2328051 3', mRNA se-
 quence.//6.8e-91//483//93//AI694022
 R-NT2RP2005454//yy77g09.s1 Soares_multiple_sclerosis_2NbHMSP Homo sapiens cDNA clone IMAGE:
 20 279616 3', mRNA sequence.//0.0070//325//59//N48302
 R-NT2RP2005776//qq97d06.x1 Soares_total_fetus_Nb2HF8_9w Homo sapiens cDNA clone IMAGE:1939307 3',
 mRNA sequence.//7.5e-08//89//82//AI338419
 R-NT2RP2005806//wc29h01.x1 NCI_CGAP_Kid11 Homo sapiens cDNA clone IMAGE:2316625 3' similar to con-
 tains MER2.b3 MER2 repetitive element ; mRNA sequence.//3.2e-16//235//71//AI671398
 25 R-NT2RP2005882//wo31f09.x1 NCI_CGAP_Gas4 Homo sapiens cDNA clone IMAGE:2456969 3', mRNA se-
 quence.//0.00095//352//59//AI925528
 R-NT2RP3001282//wg35b03.x1 Soares_NSF_F8_9W_OT_PA_P_S1 Homo sapiens cDNA clone IMAGE:
 2367053 3', mRNA sequence.//1.7e-113//555//97//AI769199
 R-NT2RP3001723//wo48e06.x1 NCI_CGAP_Gas4 Homo sapiens cDNA clone IMAGE:2458594 3', mRNA se-
 30 quence.//4.2e-98//471//98//AI926617
 R-NT2RP3002099//DKFZp564L227_s1 564 (synonym: hfr2) Homo sapiens cDNA clone DKFZp564L227 3', mR-
 NA sequence.//9.2e-50//329//87//AL037910
 R-NT2RP3003155//zp07a07.s1 Stratagene ovarian cancer (#937219) Homo sapiens cDNA clone IMAGE:595668
 3', mRNA sequence.//1.4e-30//159//99//AA173172
 35 R-NT2RP3004028//Homo sapiens protein kinase C-alpha mRNA, partial 3' UTR.//0.43//66//75//AF035594
 R-OVARC1000008//wa69e12.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2301454 3', mRNA
 sequence.//1.0e-77//376//98//AI699393
 R-OVARC1000724//tf94b10.x1 NCI_CGAP_CLL1 Homo sapiens cDNA clone IMAGE:2106907 3', mRNA se-
 quence.//0.71//27//100//AI380236
 40 R-OVARC1000751//og93d04.s1 NCI_CGAP_Kid5 Homo sapiens cDNA clone IMAGE:1455847 3', mRNA se-
 quence.//3.5e-13//274//63//AA863306
 R-OVARC1001029//yz96e02.r1 Soares_melanocyte_2NbHM Homo sapiens cDNA clone IMAGE:290906 5' similar
 to contains Alu repetitive element;contains element PTR5 repetitive element ; mRNA sequence.//3.5e-13//175//74//
 N99464
 45 R-PLACE1000814//tg49a08.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2112086 3' similar
 to contains L1.t2 L1 L1 repetitive element; mRNA sequence.//2.2e-18//285//69//AI424789
 R-PLACE1003030//Homo sapiens snRNA activating protein complex 190kD subunit (SNAP190) mRNA, complete
 cds.//4.0e-34//225//90//AF032387
 R-PLACE1005549//tm26b11.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2157693 3', mRNA
 50 sequence.//0.91//127//66//AI480253
 R-PLACE1007218//yq06e01.r1 Soares_fetal_liver_spleen_1NFLS Homo sapiens cDNA clone IMAGE:196152 5'
 similar to contains Alu repetitive element;contains LTR4 repetitive element; mRNA sequence.//2.4e-36//245//87//
 R92256

55 Homology Search Result Data 12.

[0332] Data obtained by the homology search for full-length nucleotide sequences and deduced amino acid sequenc-
 es. Each data includes Clone name, Definition in hit data, P value, Length of sequence to be compared, Homology,

and Accession number (No.) of hit data. These items are shown in this order and separated by a double-slash mark, //.

C-HEMBA1000012//PROBABLE LEUCYL-TRNA SYNTHETASE (EC 6.1.1.4) (LEUCINE--TRNA LIGASE) (LEURS).//6.4E-99//457aa//45%//Q09996

5 C-HEMBA1000020//Homo sapiens beta 2 gene.//7.5E-264//1194bp//95%//X02344

C-HEMBA1000129//HYTOTHEICAL HELICASE C8A4.08C IN CHROMOSOME I.//3.8E-25//166aa//36%//Q09884

C-HEMBA1000201//Homo sapiens mRNA for integrase interactor 1b protein (INI1B).//0//1612bp//99%//AJ011738

10 C-HEMBA1000216//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT INTERACTING PROTEIN).//1E-86//146aa//56%//Q61221

C-HEMBA1000231

C-HEMBA1000264

C-HEMBA1000280

C-HEMBA1000282

15 C-HEMBA1000303//"Mus musculus Plenty of SH3s (POSH) mRNA, complete cds."//7.1E-254//1440bp//87%//AF030131

C-HEMBA1000333//"Homo sapiens mRNA for KIAA0874 protein, partial cds."//4.8E-253//1148bp//99%//AB020681

C-HEMBA1000351

20 C-HEMBA1000356//Homo sapiens mRNA; cDNA DKFZp566C243 (from clone DKFZp566C243).//3.3E-287//815bp//98%//AL050274

C-HEMBA1000396

C-HEMBA1000411//ANKYRIN.//5.7E-12//127aa//38%//Q02357

C-HEMBA1000442

25 C-HEMBA1000456

C-HEMBA1000504

C-HEMBA1000518//PECANEX PROTEIN.//2.1E-19//227aa//38%//P18490

C-HEMBA1000519

C-HEMBA1000523//TESTIS-SPECIFIC PROTEIN PBS13.//2.4E-44//292aa//36%//Q01755

30 C-HEMBA1000542//"Rattus norvegicus mRNA for dipeptidyl peptidase III, complete cds."//2.2E-194//663bp//83%//D89340

C-HEMBA1000545

C-HEMBA1000557

C-HEMBA1000592//"Homo sapiens sorting nexin 6 (SNX6) mRNA, complete cds."//0//1465bp//99%//AF121856

35 C-HEMBA1000594

C-HEMBA1000604

C-HEMBA1000622

C-HEMBA1000637

40 C-HEMBA1000655

C-HEMBA1000657//"Rattus norvegicus ADP-ribosylation factor-directed GTPase activating protein mRNA, complete cds."//7.2E-156//1366bp//76%//U35776

C-HEMBA1000749

C-HEMBA1000769

45 C-HEMBA1000773

C-HEMBA1000774

C-HEMBA1000822

C-HEMBA1000843

C-HEMBA1000852//ARYLSULFATASE D PRECURSOR (EC 3.1.6.-) (ASD).//1E-78//119aa//87%//P51689

50 C-HEMBA1000870

C-HEMBA1000908

C-HEMBA1000934

C-HEMBA1000972

C-HEMBA1000986

55 C-HEMBA1000991

C-HEMBA1001008

C-HEMBA1001059//"Human N-acetylgalactosamine 6-sulphatase (GALNS) gene, exon 14."//4.8E-169//786bp//99%//U06088

C-HEMBA1001094
 C-HEMBA1001302//"Homo sapiens calcium binding protein precursor, mRNA, complete cds.";/9.6E-258//682bp//94%//AF153686
 C-HEMBA1001330
 5 C-HEMBA1001497
 C-HEMBA1001569//SYNAPTOBREVIN 2 (VESICLE ASSOCIATED MEMBRANE PROTEIN 2) (VAMP-2).//2.3E-53//110aa//100%//P19065
 C-HEMBA1001570
 10 C-HEMBA1001620//MYO-INOSITOL-1-PHOSPHATE SYNTHASE (EC 5.5.1.4) (IPS).//1.6E-166//506aa//60%//P42803
 C-HEMBA1001640
 C-HEMBA1001655
 C-HEMBA1001672//"Homo sapiens methyl-CpG binding domain-containing protein MBD3 (MBD3) mRNA, complete cds.";/0//1707bp//98%//AF072247
 15 C-HEMBA1001711
 C-HEMBA1001723//"Rattus norvegicus G beta-like protein GBL mRNA, complete cds.";/4.7E-172//1240bp//81%//AF051155
 C-HEMBA1001746//"Homo sapiens squamous cell carcinoma antigen recognized by T cell (SART-2) mRNA, complete cds.";/7.6E-59//998bp//64%//AF098066
 20 C-HEMBA1001781
 C-HEMBA1001804//"Homo sapiens zinc finger DNA binding protein 99 (ZNF281) mRNA, complete cds.";/0//1637bp//99%//AF125158
 C-HEMBA1001822//"Mus musculus Ese2L protein mRNA, complete cds.";/1.9E-235//1329bp//89%//AF132479
 25 C-HEMBA1001824
 C-HEMBA1001866//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-) (DUGT).//5.7E-51//234aa//41%//Q09332
 C-HEMBA1001910
 C-HEMBA1001913//GCN20 PROTEIN.//2.3E-81//158aa//50%//P43535
 30 C-HEMBA1001921//"Homo sapiens germinal center kinase related protein kinase mRNA, complete cds.";/0//1850bp//99%//AF000145
 C-HEMBA1001939
 C-HEMBA1001950//"Homo sapiens mRNA for KIAA0971 protein, complete cds.";/0//1974bp//99%//AB023188
 35 C-HEMBA1001967//"Homo sapiens NY-REN-57 antigen mRNA, partial cds.";/0//1721bp//99%//AF155114
 C-HEMBA1002035//Homo sapiens mRNA; cDNA DKFZp586E0518 (from clone DKFZp586E0518).//0//2149bp//99%//AL050089
 C-HEMBA1002092//"Mus musculus Olf-1/EBF-like-3 transcription factor (O/E-3) mRNA, complete cds.";/1.3E-271//1583bp//88%//U92703
 40 C-HEMBA1002102//ANKYRIN.//4.40E-10//106aa//35%//Q02357
 C-HEMBA1002150
 C-HEMBA1002151//"Rattus norvegicus p34 mRNA, complete cds.";/1.1E-153//1059bp//82%//AF178669
 45 C-HEMBA1002189
 C-HEMBA1002215//TESTIN 2 (TES2) [CONTAINS: TESTIN 1 (TES1)].//2.2E-199//392aa//89%//P47226
 C-HEMBA1002229
 C-HEMBA1002241//PROLIFERATING-CELL NUCLEOLAR ANTIGEN P120 (PROLIFERATION-ASSOCIATED NUCLEOLAR PROTEIN P120).//3.70E-06//95aa//33%//P46087
 50 C-HEMBA1002341//"Homo sapiens mRNA for KIAA0771 protein, partial cds.";/0//1514bp//99%//AB018314
 C-HEMBA1002417//"Homo sapiens chromosome 19, cosmid R28784, complete sequence.";/1.4E-299//294bp//100%//AC005954
 C-HEMBA1002547//"Homo sapiens agrin precursor mRNA, partial cds.";/0//1605bp//97%//AF016903
 55 C-HEMBA1002703
 C-HEMBA1002779
 C-HEMBA1002816
 C-HEMBA1002970

EP 1 074 617 A2

C-HEMBA1002999//"Rattus norvegicus lamina associated polypeptide 1C (LAP1C) mRNA, complete cds.
"//1.4E-171//1552bp//75%//U20286
C-HEMBA1003021
C-HEMBA1003077//SLIT PROTEIN PRECURSOR.//2.6E-15//199aa//31%//P24014
5 C-HEMBA1003079
C-HEMBA1003273
C-HEMBA1003304
C-HEMBA1003309
C-HEMBA1003376
10 C-HEMBA1003384
C-HEMBA1003531
C-HEMBA1003548
C-HEMBA1003556
C-HEMBA1003571
15 C-HEMBA1003579
C-HEMBA1003684//ZINC FINGER PROTEIN 151 (MIZ-1 PROTEIN).//2E-73//526aa//32%//Q13105
C-HEMBA1003692
C-HEMBA1003720
C-HEMBA1003725
20 C-HEMBA1003729
C-HEMBA1003758
C-HEMBA1003773//"Mus musculus signal recognition particle receptor beta subunit mRNA, complete cds.
"//5.8E-81//511bp//86%//U17343
C-HEMBA1003783//"Mus musculus bromodomain-containing protein BP75 mRNA, complete cds."//
25 1.1E-190//1204bp//84%//AF084259
C-HEMBA1003799
C-HEMBA1003804
C-HEMBA1003805//"Mus musculus KH domain RNA binding protein QKI-5A mRNA, complete cds."//
0//988bp//95%//AF090402
30 C-HEMBA1003836//MOB1 PROTEIN (MPS1 BINDER 1).//8.10E-31//134aa//52%//P40484
C-HEMBA1003856
C-HEMBA1003866//"Mus musculus semaphorin VIa mRNA, complete cds."//1.2E-105//1192bp//70%//
AF030430
C-HEMBA1003879
35 C-HEMBA1003880
C-HEMBA1003893
C-HEMBA1003908
C-HEMBA1003937
C-HEMBA1003942
40 C-HEMBA1003958
C-HEMBA1003976
C-HEMBA1003978//"Homo sapiens mRNA for KIAA0840 protein, partial cds."//0//1530bp//100%//
AB020647
C-HEMBA1003985
45 C-HEMBA1004011
C-HEMBA1004024
C-HEMBA1004038
C-HEMBA1004045
C-HEMBA1004048
50 C-HEMBA1004111//"Homo sapiens mRNA for KIAA1276 protein, partial cds."//1.00E-163//751bp//
99%//AB033102
C-HEMBA1004131//SEPTIN 2 HOMOLOG (FRAGMENT).//1.6E-166//416aa//72%//Q14141
C-HEMBA1004138
C-HEMBA1004143
55 C-HEMBA1004150
C-HEMBA1004168//"Homo sapiens geminin mRNA, complete cds."//3.9E-208//951 bp//99%//
AF067855
C-HEMBA1004200

C-HEMBA1004202//RAS-RELATED PROTEIN RAB-13.//6.2E-30//208aa//37%//P51153
 C-HEMBA1004203//NUCLEOLAR PROTEIN NOP2.//1.5E-12//258aa//29%//P40991
 C-HEMBA1004238
 C-HEMBA1004248//"Homo sapiens insulin induced protein 2 mRNA, complete cds."//8.20E-175//
 5 552bp//97%//AF125392
 C-HEMBA1004272
 C-HEMBA1004274
 C-HEMBA1004275//"Homo sapiens mRNA for KIAA1111 protein, partial cds."//0//1341bp//99%//
 AB029034
 10 C-HEMBA1004286//"Homo sapiens TGF beta receptor associated protein-1 mRNA, complete cds."//
 0//1982bp//99%//AF022795
 C-HEMBA1004312
 C-HEMBA1004321//ZINC FINGER PROTEIN 184 (FRAGMENT).//2.3E-93//357aa//42%//Q99676
 C-HEMBA1004323
 15 C-HEMBA1004327
 C-HEMBA1004330
 C-HEMBA1004341
 C-HEMBA1004366
 C-HEMBA1004372
 20 C-HEMBA1004389//"Homo sapiens zinc finger DNA binding protein 99 (ZNF281) mRNA, complete cds.
 "//0//1437bp//99%//AF125158
 C-HEMBA1004394
 C-HEMBA1004408//PEPTIDYL-PROLYL CIS-TRANS ISOMERASE 10 (EC 5.2.1.8)(PPIASE)(ROTAMASE)(CY-
 CLOPHILIN-10).//3.2E-32//148aa//52%//P52017
 25 C-HEMBA1004429
 C-HEMBA1004460
 C-HEMBA1004461
 C-HEMBA1004502
 C-HEMBA1004554
 30 C-HEMBA1004560
 C-HEMBA1004610
 C-HEMBA1004629
 C-HEMBA1004632
 C-HEMBA1004637
 35 C-HEMBA1004670
 C-HEMBA1004672
 C-HEMBA1004697
 C-HEMBA1004711
 C-HEMBA1004725
 40 C-HEMBA1004730
 C-HEMBA1004734//UBIQUITIN-CONJUGATING ENZYME E2-18 KD (EC 6.3.2.19) (UBIQUITIN- PROTEIN
 LIGASE) (UBIQUITIN CARRIER PROTEIN) (PM42).//9.9E-39//143aa//52%//P42743
 C-HEMBA1004751
 C-HEMBA1004752
 45 C-HEMBA1004889//"Human C3f mRNA, complete cds."//6.70E-24//341aa//26%//U72515
 C-HEMBA1004934
 C-HEMBA1004944
 C-HEMBA1004973
 C-HEMBA1004977
 50 C-HEMBA1005009//"Homo sapiens BAF53a (BAF53a) mRNA, complete cds."//0//1813bp//99%//
 AF041474
 C-HEMBA1005083
 C-HEMBA1005113
 C-HEMBA1005133
 55 C-HEMBA1005185
 C-HEMBA1005219//NUCLEAR PROTEIN SNF7.//5.3E-10//189aa//25%//P39929
 C-HEMBA1005252//"Homo sapiens mRNA for KIAA0585 protein, partial cds."//1.2E-268//1215bp//
 99%//AB011157

C-HEMBA1005296
 C-HEMBA1005314
 C-HEMBA1005331
 C-HEMBA1005394
 5 C-HEMBA1005403
 C-HEMBA1005423//"Homo sapiens cyclin-dependent kinase inhibitor (CDKN2C) mRNA, complete cds.
 "//2E-213//537bp//99%//AF041248
 C-HEMBA1005468
 C-HEMBA1005469
 10 C-HEMBA1005474
 C-HEMBA1005517
 C-HEMBA1005518
 C-HEMBA1005528//CCR4-ASSOCIATED FACTOR 1 (CAF1).//3.1E-154//285aa//99%//Q60809
 C-HEMBA1005558//NUCLEAR PROTEIN SNF7.//6.40E-16//170aa//31%//P39929
 15 C-HEMBA1005576//"Homo sapiens mRNA for KIAA0463 protein, partial cds."//1.1E-181//835bp//
 99%//AB007932
 C-HEMBA1005582//"TROPOMYOSIN 1, NON-MUSCLE ISOFORM (TROPOMYOSIN II) (CYTOSKELETAL
 TROPOMYOSIN)."//0.00000009//213aa//27%//P09492
 C-HEMBA1005583
 20 C-HEMBA1005595//"DYNEIN HEAVY CHAIN, CYTOSOLIC (DYHC)."//2.3E-54//562aa//29%//P34036
 C-HEMBA1005609//Homo sapiens mRNA; cDNA DKFZp564K133 (from clone DKFZp564K133).//2.2e-315//
 1448bp//99%//AL050012
 C-HEMBA1005621//"Homo sapiens Mad2B protein (MAD2B) mRNA, complete cds."//2.9E-224//
 1031bp//99%//AF139365
 25 C-HEMBA1005666
 C-HEMBA1005680
 C-HEMBA1005685
 C-HEMBA1005737//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT).//
 4.4E-17//167aa//34%//P25296
 30 C-HEMBA1005746 .
 C-HEMBA1005755
 C-HEMBA1005813
 C-HEMBA1005822
 C-HEMBA1005834
 35 C-HEMBA1005884
 C-HEMBA1005891
 C-HEMBA1005909
 C-HEMBA1005911
 C-HEMBA1005931
 40 C-HEMBA1005963
 C-HEMBA1005991
 C-HEMBA1006005
 C-HEMBA1006031//"Homo sapiens mRNA for putative phospholipase, complete cds."//0//1413bp//
 99%//AB019435
 45 C-HEMBA1006067
 C-HEMBA1006081
 C-HEMBA1006091
 C-HEMBA1006100
 C-HEMBA1006108//"Homo sapiens mRNA for KIAA0943 protein, partial cds."//4.8E-245//764bp//
 99%//AB023160
 50 C-HEMBA1006121
 C-HEMBA1006130//SEL-10 PROTEIN.//0.000000043//219aa//25%//Q93794
 C-HEMBA1006155
 C-HEMBA1006158//"Homo sapiens transcription factor forkhead-like 7 (FKHL7) gene, complete cds."
 55 //0//1551bp//99%//AF048693
 C-HEMBA1006182
 C-HEMBA1006198//PROLINE-RICH PROTEIN MP-2 PRECURSOR.//1.9E-19//215aa//39%//P05142
 C-HEMBA1006235//Homo sapiens clone 24422 mRNA sequence.//0//1615bp//99%//AF070557

C-HEMBA1006253//DNA-DAMAGE-REPAIR/TOLERATION PROTEIN DRT111 PRECURSOR.//0.00000002//
 62aa//53%//P42698
 C-HEMBA1006259
 C-HEMBA1006272//RETROVIRUS-RELATED PROTEASE (EC 3.4.23.-).//1.3E-123//200aa//73%//P10265
 5 C-HEMBA1006278//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYLTRANS-
 FERASE).//1E-210//490aa//77%//P25500
 C-HEMBA1006283//NUCLEAR POLYADENYLATED RNA-BINDING PROTEIN NAB2.//0.000000012//176aa//
 30%//P32505
 C-HEMBA1006284
 10 C-HEMBA1006291//2-ARYLPROPIONYL-COA EPIMERASE (EC 5.-.-.-).//4.2E-12//215aa//23%//P70473
 C-HEMBA1006293
 C-HEMBA1006309//HYPOTHETICAL 54.2 KD PROTEIN IN ERP5-ORC6 INTERGENIC REGION.//1.4E-48//
 248aa//43%//P38821
 C-HEMBA1006349
 15 C-HEMBA1006364
 C-HEMBA1006381
 C-HEMBA1006398//"Human L1 element L1.6 putative p150 gene, complete cds."//2E-277//1729bp//
 85%//U93563
 C-HEMBA1006445//"Homo sapiens putative tumor supressor NOEY2 mRNA, complete cds."//1.4E-
 20 270//1224bp//100%//U96750
 C-HEMBA1006483
 C-HEMBA1006492
 C-HEMBA1006497
 C-HEMBA1006502
 25 C-HEMBA1006507//"Homo sapiens mRNA for KIAA0666 protein, partial cds."//0//2334bp//99%//
 AB014566
 C-HEMBA1006535
 C-HEMBA1006559//"Mus musculus PRAJA1 (Praj1) mRNA, complete cds."//2.8E-206//1107bp//83
 %//U06944
 30 C-HEMBA1006566
 C-HEMBA1006579
 C-HEMBA1006583
 C-HEMBA1006612
 C-HEMBA1006624//DNA/PANTOTHENATE METABOLISM FLAVOPROTEIN HOMOLOG.//0.00000069//109aa//
 35 38%//Q58323
 C-HEMBA1006643
 C-HEMBA1006674
 C-HEMBA1006682
 C-HEMBA1006708//HYPOTHETICAL 46.4 KD TRP-ASP REPEATS CONTAINING PROTEIN IN PMC1-TFG2
 40 INTERGENIC REGION.//3.3E-22//241aa//31%//P53196
 C-HEMBA1006717
 C-HEMBA1006744
 C-HEMBA1006754
 C-HEMBA1006767
 45 C-HEMBA1006789
 C-HEMBA1006832
 C-HEMBA1006885//"Homo sapiens gene for Proline synthetase associated, complete cds."//0//
 1467bp//96%//AB018566
 C-HEMBA1006900
 50 C-HEMBA1006926
 C-HEMBA1006941//Homo sapiens mRNA for putative thioredoxin-like protein.//1.8E-226//1039bp//99%//
 AJ010841
 C-HEMBA1006973//"Homo sapiens rab3-GAP regulatory domain mRNA, complete cds."//5.6E-143//
 740bp//94%//AF004828
 55 C-HEMBA1006993
 C-HEMBA1007002
 C-HEMBA1007062
 C-HEMBA1007080

EP 1 074 617 A2

C-HEMBA1007087//HYPOTHETICAL PROTEIN MJ0162.//2E-45//304aa//32%//Q57626
C-HEMBA1007112//Homo sapiens mRNA; cDNA DKFZp586C1817 (from clone DKFZp586C1817).//0//1619bp//99%//AL117450
C-HEMBA1007194//"Homo sapiens origin recognition complex subunit 6 (ORC6) mRNA, complete cds."//0//1588bp//99%//AF139658
C-HEMBA1007206
C-HEMBA1007256
C-HEMBA1007267
C-HEMBA1007281
C-HEMBA1007300//"Homo sapiens 3',5'-cyclic nucleotide phosphodiesterase 10A1 (PDE10A) mRNA, splice variant 1, complete cds."//0//1519bp//99%//AF127479
C-HEMBA1007301
C-HEMBA1007319
C-HEMBA1007320
C-HEMBA1007327
C-HEMBA1007347
C-HEMBA1000005
C-HEMBA1000030
C-HEMBA1000048
C-HEMBA1000099
C-HEMBA1000141
C-HEMBA1000198
C-HEMBA1000217//"Homo sapiens SUMO-1-activating enzyme E1 N subunit (SUA1) mRNA, complete cds."//0//1038bp//99%//AF090385
C-HEMBA1000218
C-HEMBA1000274
C-HEMBA1000312
C-HEMBA1000402
C-HEMBA1000420
C-HEMBA1000480
C-HEMBA1000530
C-HEMBA1000550
C-HEMBA1000556//"Homo sapiens mRNA for KIAA0750 protein, complete cds."//6.3E-74//1213bp//64%//AB018293
C-HEMBA1000586
C-HEMBA1000592
C-HEMBA1000593//"Homo sapiens transferrin receptor 2 alpha (TFR2) mRNA, complete cds."//1.3E-107//503bp//99%//AF067864
C-HEMBA1000649
C-HEMBA1000693//"Homo sapiens neuroan1 mRNA, complete cds."//0//2952bp//94%//AF040723
C-HEMBA1000822
C-HEMBA1000826
C-HEMBA1000890
C-HEMBA1000915//SUBTILISIN-LIKE PROTEASE PACE4 PRECURSOR (EC 3.4.21.-).//1.10E-08//129aa//31%//P29122
C-HEMBA1001008
C-HEMBA1001020//"Homo sapiens mRNA for KIAA0889 protein, complete cds."//0//1812bp//98%//AB020696
C-HEMBA1001051
C-HEMBA1001112//"Homo sapiens sec61 homolog mRNA, complete cds."//6E-145//961bp//83%//AF077032
C-HEMBA1001221
C-HEMBA1001234//65 KD YES-ASSOCIATED PROTEIN (YAP65).//5.4E-93//196aa//54%//P46938
C-HEMBA1001282//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN).//7E-43//394aa//34%//P16157
C-HEMBA1001302
C-HEMBA1001335
C-HEMBA1001337

C-HEMBB1001356
 C-HEMBB1001364
 C-HEMBB1001366
 C-HEMBB1001367
 5 C-HEMBB1001527
 C-HEMBB1001537
 C-HEMBB1002359
 C-HEMBB1002415
 C-HEMBB1002457
 10 C-HEMBB1002492
 C-HEMBB1002495
 C-HEMBB1002502
 C-HEMBB1002550//HYPOTHETICAL UOG-1 PROTEIN.//5E-28//266aa//33%//P27544
 C-HEMBB1002600//"Homo sapiens tetraspan NET-5 mRNA, complete cds."//0//1417bp//99%//
 15 AF089749
 C-HEMBB1002607//"Homo sapiens vitamin D3 receptor interacting protein (DRIP80) mRNA, complete cds.
 "//2E-136//660bp//98%//AF105421
 C-HEMBB1002684
 C-HEMBB1002692
 20 C-HEMBB1002697
 C-HEMBB1002705//"Homo sapiens CGI-27 protein mRNA, complete cds."//7.80E-285//841bp//96%//
 AF132961
 C-MAMMA1000019
 C-MAMMA1000020//H.sapiens mRNA for flavin-containing monooxygenase 5 (FM05).//8.2E-198//868bp//99%//
 25 Z47553
 C-MAMMA1000025
 C-MAMMA1000055//TESTIN 2 (TES2) [CONTAINS: TESTIN 1 (TES1)].//1.5E-90//323aa//48%//P47226
 C-MAMMA1000069
 C-MAMMA1000084
 30 C-MAMMA1000139
 C-MAMMA1000163
 C-MAMMA1000171
 C-MAMMA1000173//"Homo sapiens src homology 3 domain-containing protein HIP-55 mRNA, complete
 cds."//2.6E-164//1044bp//87%//AF197060
 35 C-MAMMA1000277
 C-MAMMA1000278
 C-MAMMA1000284//P.walti mRNA for mp associated protein 55.//2.2E-109//864bp//76%//X99836
 C-MAMMA1000309
 C-MAMMA1000312
 40 C-MAMMA1000313
 C-MAMMA1000361
 C-MAMMA1000388//"Homo sapiens UKLF mRNA for ubiquitous Kruppel like factor, complete cds."//
 0//1466bp//99%//AB015132
 C-MAMMA1000395
 45 C-MAMMA1000410
 C-MAMMA1000416//HYPOTHETICAL 32.0 KD PROTEIN C09F5.2 IN CHROMOSOME III.//2.00E-30//119aa//
 53%//Q09232
 C-MAMMA1000421
 C-MAMMA1000422
 50 C-MAMMA1000468
 C-MAMMA1000472
 C-MAMMA1000490
 C-MAMMA1000524
 C-MAMMA1000567
 55 C-MAMMA1000612//"Rattus norvegicus G beta-like protein GBL mRNA, complete cds."//1E-95//
 1115bp//72%//AF051155
 C-MAMMA1000623
 C-MAMMA1000625//GYP7 PROTEIN.//2.1E-41//198aa//40%//P48365

C-MAMMA1000664
 C-MAMMA1000670
 C-MAMMA1000672//VITELLOGENIC CARBOXYPEPTIDASE PRECURSOR (EC 3.4.16.-)//4.4E-33//250aa//
 33%//P42660
 5 C-MAMMA1000713//L-RIBULOKINASE (EC 2.7.1.16)//7.70E-17//246aa//29%//P94524
 C-MAMMA1000731//CHROMODOMAIN-HELICASE-DNA-BINDING PROTEIN 1 (CHD-1)//1E-77//395aa//45%//
 014646
 C-MAMMA1000734//Homo sapiens mRNA for SEC63 protein//0//1587bp//99%//AJ011779
 C-MAMMA1000738//HYPOTHETICAL 116.5 KD PROTEIN C20G8.09C IN CHROMOSOME I//9E-299//1033aa//
 10 55%//P87115
 C-MAMMA1000746
 C-MAMMA1000775
 C-MAMMA1000824//ACTIN//6.2E-20//284aa//28%//P53500
 C-MAMMA1000831
 15 C-MAMMA1000841//PUTATIVE AMIDASE (EC 3.5.1.4)//7.8E-40//101aa//54%//027540
 C-MAMMA1000842
 C-MAMMA1000843
 C-MAMMA1000856
 C-MAMMA1000865
 20 C-MAMMA1000875
 C-MAMMA1000906
 C-MAMMA1000908
 C-MAMMA1000914
 C-MAMMA1000956//Homo sapiens CLDN8 gene for claudin-8//0//1767bp//99%//AJ250711
 25 C-MAMMA1000968
 C-MAMMA1000979
 C-MAMMA1001008//"Homo sapiens aspartic-like protease mRNA, complete cds."//2.50E-276//
 1263bp//99%//AF117892
 C-MAMMA1001021
 30 C-MAMMA1001041//"SPECTRIN BETA CHAIN, BRAIN (SPECTRIN, NON-ERYTHROID BETA CHAIN)
 (FODRIN BETA CHAIN) (SPTBN1)."//1.6E-16//113aa//41%//Q01082
 C-MAMMA1001059//Homo sapiens mRNA for DEAD Box Protein 5//0//1440bp//99%//AJ237946
 C-MAMMA1001075//"Homo sapiens CGI-72 protein mRNA, complete cds."//1.3E-181//397bp//98%//
 AF151830
 35 C-MAMMA1001078
 C-MAMMA1001091
 C-MAMMA1001105//OVO PROTEIN (SHAVEN BABY PROTEIN)//4E-49//125aa//68%//P51521
 C-MAMMA1001110
 C-MAMMA1001126
 40 C-MAMMA1001139//SRE-2 PROTEIN//5.80E-35//239aa//38%//Q09273
 C-MAMMA1001143
 C-MAMMA1001154
 C-MAMMA1001181//ABC1 PROTEIN HOMOLOG PRECURSOR//1.30E-07//81aa//45%//Q92338
 C-MAMMA1001215
 45 C-MAMMA1001244
 C-MAMMA1001259//"Mus musculus F-box protein FBX18 mRNA, partial cds."//2.3E-271//1414bp//
 89%//AF184275
 C-MAMMA1001260//HYPOTHETICAL 97.1 KD PROTEIN R05D3.4 IN CHROMOSOME III//2.1E-52//630aa//
 30%//P34537
 50 C-MAMMA1001343
 C-MAMMA1001411//Homo sapiens mRNA; cDNA DKFZp56400823 (from clone DKFZp56400823)//0//2131bp//
 99%//AL080121
 C-MAMMA1001419
 C-MAMMA1001476//URIDINE KINASE (EC 2.7.1.48) (URIDINE MONOPHOSPHOKINASE) (FRAGMENT)//
 55 6.5E-129//260aa//92%//P52623
 C-MAMMA1001510
 C-MAMMA1001522
 C-MAMMA1001576//"Human gamma-tubulin mRNA, complete cds."//7.5E-276//1561bp//90%//

M61764
 C-MAMMA1001604
 C-MAMMA1001620
 C-MAMMA1001635
 5 C-MAMMA1001649
 C-MAMMA1001686
 C-MAMMA1001692
 C-MAMMA1001743//Y BOX BINDING PROTEIN-1 (Y-BOX TRANSCRIPTION FACTOR).//8.5E-32//171aa//36%//
 P21573
 10 C-MAMMA1001754//"Homo sapiens CGI-11 protein mRNA, complete cds."//0//1837bp//98%//
 AF132945
 C-MAMMA1001757
 C-MAMMA1001764
 C-MAMMA1001768//CELL DIVISION CYCLE PROTEIN 48 HOMOLOG MJ1156.//3.8E-45//351aa//38%//Q58556
 15 C-MAMMA1001771//M.musculus mRNA for semaphorin B.//2.60E-200//1272bp//79%//X85991
 C-MAMMA1001790
 C-MAMMA1001837//ZINC FINGER PROTEIN 29 (ZFP-29).//2.6E-77//507aa//38%//Q07230
 C-MAMMA1001858
 C-MAMMA1001868//TRICHOHYALIN.//2.7E-19//359aa//25%//P22793
 20 C-MAMMA1001970
 C-MAMMA1002042
 C-MAMMA1002068
 C-MAMMA1002153
 C-MAMMA1002156
 25 C-MAMMA1002170//40S RIBOSOMAL PROTEIN S2 (S4) (LLREP3 PROTEIN).//6E-66//157aa//70%//P15880
 C-MAMMA1002174
 C-MAMMA1002209
 C-MAMMA1002219//"Homo sapiens mRNA for KIAA1067 protein, partial cds."//1.1E-181//861bp//
 98%//AB028990
 30 C-MAMMA1002236//TRANSLATION INITIATION FACTOR EIF-2B GAMMA SUBUNIT (EIF-2B GDP-GTP EX-
 CHANGE FACTOR).//8.8E-217//310aa//86%//P70541
 C-MAMMA1002243
 C-MAMMA1002268//"Mus musculus sphingosine kinase (SPHK1a) mRNA, partial cds."//1E-190//
 1624bp//76%//AF068748
 35 C-MAMMA1002269
 C-MAMMA1002292
 C-MAMMA1002294
 C-MAMMA1002297//Homo sapiens mRNA for Rab6 GTPase activating protein.//1.1E-214//881bp//97%//
 AJ011679
 40 C-MAMMA1002312
 C-MAMMA1002329//M.musculus mRNA for semaphorin B.//3.80E-45//332bp//84%//X85991
 C-MAMMA1002333
 C-MAMMA1002351//FERRIPYOCHELIN BINDING PROTEIN.//0.000078//127aa//26%//P40882
 C-MAMMA1002353
 45 C-MAMMA1002355
 C-MAMMA1002356
 C-MAMMA1002362
 C-MAMMA1002380
 C-MAMMA1002384
 50 C-MAMMA1002427
 C-MAMMA1002470//PROBABLE NH(3)-DEPENDENT NAD(+) SYNTHETASE (EC 6.3.5.1).//1E-11//128aa//36%//
 P47623
 C-MAMMA1002485//"Homo sapiens stanniocalcin-related protein mRNA, complete cds."//0//1822bp//
 99%//AF098462
 55 C-MAMMA1002494
 C-MAMMA1002524//HYPOTHETICAL 117.8 KD PROTEIN IN STE2-FRS2 INTERGENIC REGION.//1.2E-34//
 337aa//31%//P43571
 C-MAMMA1002530//"Homo sapiens cytosolic phospholipase A2 gamma (cPLA2 gamma) mRNA, complete

cds."//0//1910bp//99%//AF065214
 C-MAMMA1002554
 C-MAMMA1002585//"Homo sapiens mRNA for KIAA0860 protein, complete cds."//0//1405bp//99%//
 AB020667
 5 C-MAMMA1002598
 C-MAMMA1002619//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE K02C4.3 (EC 3.1.2.15)
 (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE) (DEUBIQUITINATING EN-
 ZYME).//9.5E-16//159aa//37%//Q09931
 10 C-MAMMA1002655//"Homo sapiens mRNA for ganglioside sialidase, complete cds."//0//1515bp//
 99%//AB008185
 C-MAMMA1002671//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE-COA LIGASE) (ACYL-AC-
 TIVATING ENZYME).//1.1E-45//618aa//26%//P27550
 C-MAMMA1002673
 C-MAMMA1002684//"Homo sapiens mRNA for KIAA0214 protein, complete cds."//0//3174bp//99%//
 15 D86987
 C-MAMMA1002711
 C-MAMMA1002769//"Homo sapiens cell cycle progression restoration 8 protein (CPR8) mRNA, complete
 cds."//2.2E-25//330bp//77%//AF011794
 C-MAMMA1002775
 20 C-MAMMA1002782
 C-MAMMA1002796
 C-MAMMA1002807
 C-MAMMA1002838
 C-MAMMA1002842//"Mus musculus c-Cb1 associated protein CAP mRNA, complete cds."//2.6E-58//
 25 373bp//81%//U58883
 C-MAMMA1002869//PINCH PROTEIN (PARTICULARLY INTERESTING NEW CYS-HIS PROTEIN).//1.4E-160//
 305aa//85%//P48059
 C-MAMMA1002881//GLIOMA PATHOGENESIS-RELATED PROTEIN (RTVP-1 PROTEIN).//5.7E-30//214aa//
 35 35%//P48060
 30 C-MAMMA1002886
 C-MAMMA1002890
 C-MAMMA1002938//"Homo sapiens mRNA for KIAA0698 protein, complete cds."//8.4E-252//1139bp//
 100%//AB014598
 C-MAMMA1002964
 35 C-MAMMA1003011//HESTONE MACRO-H2A.1.//2.7E-123//370aa//66%//Q02874
 C-MAMMA1003013//DNA POLYMERASE BETA (EC 2.7.7.7).//7.4E-46//332aa//36%//P06746
 C-MAMMA1003015
 C-MAMMA1003019
 C-MAMMA1003035//RIBOSOMAL LARGE SUBUNIT PSEUDOURIDINE SYNTHASE C (EC 4.2.1.70) (PSEU-
 40 DOURIDYLATE SYNTHASE) (URACIL HYDROLYASE).//1.9E-13//108aa//33%//P23851
 C-MAMMA1003039
 C-MAMMA1003044
 C-MAMMA1003049
 C-MAMMA1003056
 45 C-MAMMA1003057//MD6 PROTEIN.//3.1E-225//419aa//97%//Q60584
 C-MAMMA1003066
 C-MAMMA1003099
 C-MAMMA1003104
 C-MAMMA1003113//"Mus musculus COP9 complex subunit 7a (COPS7a) mRNA, complete cds."//
 50 1.1E-234//1178bp//86%//AF071316
 C-MAMMA1003127//MYOSIN I ALPHA (MMI-ALPHA).//2.2E-105//217aa//89%//P46735
 C-MAMMA1003135
 C-MAMMA1003146//Homo sapiens mRNA for GalT3 protein.//4.3E-218//996bp//99%//Y15062
 C-MAMMA1003150//"Homo sapiens mRNA for KIAA1096 protein, partial cds."//0//1342bp//99%//
 55 AB029019
 C-MAMMA1003166//"Homo sapiens MLL septin-like fusion protein (MSF) mRNA, complete cds."//
 3.10E-158//592bp//97%//AF123052
 C-NT2RM1000032

C-NT2RM1000035//"Human mRNA for KIAA0199 gene, partial cds."//0//2948bp//99%//D83782
 C-NT2RM1000039//HYPOTHETICAL 41.4 KD PROTEIN IN SRLQ-HYPF INTERGENIC REGION (EC 1.18.1.-)
 (ORF4) (ORF2).//2.90E-14//299aa//25%//P37596
 C-NT2RM1000055//"Homo sapiens mRNA for KIAA0829 protein, partial cds."//0//3111bp//99%//
 5 AB020636
 C-NT2RM1000059
 C-NT2RM1000062
 C-NT2RM1000118//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT) (CAL-
 CINEURIN REGULATORY SUBUNIT).//1.2E-10//150aa//28%//P87072
 10 C-NT2RM1000119
 C-NT2RM1000127
 C-NT2RM1000131//"Homo sapiens mRNA for KIAA0792 protein, complete cds."//0//2980bp//99%//
 AB018335
 C-NT2RM1000132//"Homo sapiens NADH:ubiquinone oxidoreductas NDUF56 subunit mRNA, nuclear gene
 15 encoding mitochondrial protein, complete cds."//7.8E-110//516bp//99%//AF044959
 C-NT2RM1000153//CYTOSOLIC PURINE 5'-NUCLEOTIDASE (EC 3.1.3.5).//3.3E-3 8//469aa//27%//P49902
 C-NT2RM1000186//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT) (CAL-
 CINEURIN REGULATORY SUBUNIT).//1.2E-10//150aa//28%//P87072
 C-NT2RM1000187//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE
 20 SPAC10F6.02C.//1.1E-10//94aa//47%//042643
 C-NT2RM1000199//Homo sapiens mRNA for type I transmembrane receptor (psk-1 gene).//0//2476bp//99%//
 AJ245820
 C-NT2RM1000244//"Homo sapiens TRAF4 associated factor 1 mRNA, partial cds."//2E-126//592bp//
 25 99%//U81002
 C-NT2RM1000252//H.sapiens E-MAP-115 mRNA.//9.7E-35//569bp//64%//X73882
 C-NT2RM1000256//"Homo sapiens mRNA for Glutamine:fructose-6-phosphate amidotransferase, complete
 cds."//0//3012bp//99%//AB016789
 C-NT2RM1000260//"Human mRNA for KIAA0130 gene, complete cds."//0//3139bp//98%//D50920
 C-NT2RM1000271
 30 C-NT2RM1000300
 C-NT2RM1000314//"Human mRNA for KIAA0159 gene, complete cds."//0//4349bp//99%//D63880
 C-NT2RM1000354//"Xenopus laevis chromosome condensation protein XCAP-G mRNA, complete cds.
 "//7.4E-245//2101bp//68%//AF11423
 C-NT2RM1000355//"Homo sapiens transmembrane protein BRI (BRI) mRNA, complete cds."//0//
 35 1599bp//99%//AF152462
 C-NT2RM1000365
 C-NT2RM1000377//"Homo sapiens dual specificity phosphatase MKP5 (MKP5) mRNA, complete cds."/
 //3.2E-196//1016bp//94%//AF179212
 C-NT2RM1000388//HYPOTHETICAL 27.7 KD PROTEIN IN CPT1-SPC98 INTERGENIC REGION.//
 40 0.000000019//67aa//31%//P53915
 C-NT2RM1000399
 C-NT2RM1000430//"Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds."//
 1.4E-185//1486bp//81%//AF084928
 C-NT2RM1000555//"Homo sapiens mRNA for KIAA0885 protein, complete cds."//0//2885bp//99%//
 45 AB020692
 C-NT2RM1000563//TRANSMISSION-BLOCKING TARGET ANTIGEN S230 PRECURSOR.//0.0000068//199aa//
 30%//Q08372
 C-NT2RM1000648//GLYCOSYLTRANSFERASE ALG2 (EC 2.4.1.-).//8.5E-75//301aa//39%//P43636
 C-NT2RM1000661//"Homo sapiens translation initiation factor 4e mRNA, complete cds."//4.3E-210//
 50 960bp//99%//AF038957
 C-NT2RM1000666//DNA-BINDING PROTEIN A.//2.2E-09//165aa//34%//P16989
 C-NT2RM1000672
 C-NT2RM1000691//Homo sapiens mRNA for PLU-1 protein.//0//3104bp//99%//AJ132440
 C-NT2RM1000699
 55 C-NT2RM1000741//"Homo sapiens mRNA for KIAA0567 protein, partial cds."//1.1E-295//1338bp//
 99%//AB011139
 C-NT2RM1000742//"Homo sapiens AC133 antigen mRNA, complete cds."//0//3524bp//99%//
 AF027208

- C-NT2RM1000746//"Homo sapiens polyamine modulated factor-1 (PMF1) mRNA, complete cds."//6.70E-227//1043bp//99%//AF141310
- C-NT2RM1000770//DXS6673E PROTEIN.//1.4E-39//194aa//48%//Q14202
- C-NT2RM1000772//VEGETATTOLE INCOMPATIBILITY PROTEIN HET-E-1.//7.3E-15//280aa//27%//Q00808
- 5 C-NT2RM1000780
- C-NT2RM1000800//Mus musculus partial mRNA for B-IND1 protein (B-indl gene).//1.1E-98//571bp//89%//Z97207
- C-NT2RM1000802
- C-NT2RM1000811//"Homo sapiens AC133 antigen mRNA, complete cds."//0//3524bp//99%//AF027208
- 10 C-NT2RM1000826//"Homo sapiens mRNA for KIAA0885 protein, complete cds."//0//2885bp//99%//AB020692
- C-NT2RM1000829
- C-NT2RM1000850//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN).//9.7E-42//333aa//36%//P16157
- 15 C-NT2RM1000852//"Homo sapiens putative ATP-dependent RNA helicase ROK1 mRNA, complete cds."//0//2206bp//99%//AF077033
- C-NT2RM1000857//"Homo sapiens mRNA for KIAA0962 protein, partial cds."//0//3716bp//99%//AB023179
- C-NT2RM1000874//"Homo sapiens death effector domain-containing testicular molecule mRNA, complete cds."//1.4E-244//1113bp//99%//AF043733
- 20 C-NT2RM1000882//"Homo sapiens delta-6 fatty acid desaturase mRNA, complete cds."//4.30E-122//1394bp//69%//AF126799
- C-NT2RM1000885//HYPOTHETICAL 97.1 KD PROTEIN R05D3.4 IN CHROMOSOME III.//1.8E-56//630aa//30%//P34537
- 25 C-NT2RM1000894//DNA-DIRECTED RNA POLYMERASE 1135 KD POLYPEPTIDE (EC 2.7.7.6) (RNA POLYMERASE I SUBUNIT 2) (RPA135).//0//1020aa//89%//P70700
- C-NT2RM1000898//"ACTIN, CYTOPLASMIC (ACTIN, MICRONUCLEAR)."//8.9E-26//229aa//29%//P02583
- C-NT2RM1000905//"Homo sapiens HSPC021 mRNA, complete cds."//0//1480bp//99%//AF077207
- 30 C-NT2RM1000924//HYPOTHETICAL 39.7 KD PROTEIN C34E10.2 IN CHROMOSOME III.//1E-15//266aa//26%//P46577
- C-NT2RM1000927
- C-NT2RM1000962
- C-NT2RM1000978
- 35 C-NT2RM1001003//"Homo sapiens alpha-catenin-like protein (CTNNAL1) mRNA, complete cds."//0//2230bp//99%//AF030233
- C-NT2RM1001043
- C-NT2RM1001066
- C-NT2RM1001072//"1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE GAMMA 1 (EC 3.1.4.11) (PLC-GAMMA-1) (PHOSPHOLIPASE C-GAMMA-1) (PLC-II) (PLC-148)."//8.3E-47//259aa//35%//P08487
- 40 C-NT2RM1001085//"Rattus norvegicus brain specific cortactin-binding protein CBP90 mRNA, partial cds."//3.7E-32//460bp//64%//AF053768
- C-NT2RM1001102//"Human HEM45 mRNA, complete cds."//2.3E-27//482bp//63%//U88964
- 45 C-NT2RM1001105
- C-NT2RM1001139//Homo sapiens mRNA; cDNA DKFZp564F0522 (from clone DKFZp564F0522).//0//1756bp//99%//AL049943
- C-NT2RM2000420
- C-NT2RM2000566//"Homo sapiens integrin alpha-7 mRNA, complete cds."//0//2519bp//96%//AF032108
- 50 C-NT2RM2000609
- C-NT2RM2000612//"Rattus norvegicus ADP-ribosylation factor-directed GTPase activating protein mRNA, complete cds."//2.6E-106//1069bp//74%//U35776
- C-NT2RM2000735//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6).//2.9E-103//249aa//73%//P28160
- 55 C-NT2RM2001588
- C-NT2RM2001605//Homo sapiens mRNA for PLU-1 protein.//0//3114bp//99%//AJ132440
- C-NT2RM2001613//"Homo sapiens sec61 homolog mRNA, complete cds."//0//2601bp//99%//AF084458

C-NT2RM2001632//KES 1 PROTEIN.//1.40E-31//342aa//34%/P35844
 C-NT2RM2001648//"Homo sapiens sec61 homolog mRNA, complete cds."//0//2421bp//99%/AF084458
 5 C-NT2RM2001652//"Homo sapiens guanine nucleotide exchange factor mRNA, complete cds."//0//2608bp//99%/AF111162
 C-NT2RM2001659//ZINC/CADMIUM RESISTANCE PROTEIN.//3.4E-39//161aa//34%/P20107
 C-NT2RM2001664//"Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds."//0//2471bp//99%/AF044195
 10 C-NT2RM2001668//"Homo sapiens putative WHSC1 protein (WHSC1) mRNA, alternative splice product ending in intron 11, complete cds."//6.2E-16//464bp//62%/AF083391
 C-NT2RM2001671//"Oryctolagus cuniculus sarcolemmal associated protein (SLAP1) mRNA, complete cds."//0//1843bp//94%/U21155
 C-NT2RM2001675
 C-NT2RM2001681
 15 C-NT2RM2001688//HYPOTHETICAL 33.8 KD PROTEIN C5H10.01 IN CHROMOSOME I.//4.60E-20//253aa//30%/Q09674
 C-NT2RM2001695//Homo sapiens clone H63 unknown mRNA.//0//2016bp//99%/AF103804
 C-NT2RM2001696
 C-NT2RM2001698//"Homo sapiens XGalT-1 mRNA for galactosyltransferase I, complete cds."//6.2E-253//1170bp//99%/AB028600
 20 C-NT2RM2001700//"ACYL-COA DEHYDROGENASE, VERY-LONG-CHAIN SPECIFIC (EC 1.3.99.-) (VL-CAD) (FRAGMENT)."//5.7E-130//536aa//49%/P50544
 C-NT2RM2001716
 C-NT2RM2001723
 25 C-NT2RM2001730//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE K02C4.3 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE) (DEUBIQUITINATING ENZYME).//7.2E-16//381aa//27%/Q09931
 C-NT2RM2001743//"Homo sapiens cell cycle progression 2 protein (CPR2) mRNA, complete cds."//0//1498bp//99%/AF011792
 30 C-NT2RM2001753//HYPOTHETICAL PROTEIN KIAA0210.//8.8E-11//119aa//36%/Q92609
 C-NT2RM2001760//"Homo sapiens sec61 homolog mRNA, complete cds."//0//2379bp//99%/AF084458
 C-NT2RM2001768
 C-NT2RM2001771//ZINC FINGER PROTEIN 135.//6.4E-154//394aa//64%/P52742
 35 C-NT2RM2001782//"Homo sapiens GDP-mannose pyrophosphorylase A (GMPPA) mRNA, complete cds."//0//1470bp//99%/AF135422
 C-NT2RM2001784
 C-NT2RM2001785//Homo sapiens mRNA; cDNA DKFZp586C201 (from clone DKFZp586C201).//0//2146bp//99%/AL050118
 40 C-NT2RM2001813
 C-NT2RM2001823//CHD1 PROTEIN.//1.8E-106//631aa//39%/P32657
 C-NT2RM2001839//"Homo sapiens calumein (Calu) mRNA, complete cds."//0//2415bp//97%/AF013759
 C-NT2RM2001840
 45 C-NT2RM2001855
 C-NT2RM2001867//"Homo sapiens mRNA for KIAA0943 protein, partial cds."//0//967bp//99%/AB023160
 C-NT2RM2001879
 C-NT2RM2001983//"Homo sapiens RGS-GAIP interacting protein GIPC mRNA, complete cds."//0//1658bp//98%/AF089816
 50 C-NT2RM2002145//"Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds."//8.5E-191//1524bp//81%/AF084928
 C-NT2RM4000027
 C-NT2RM4000030//LAS1 PROTEIN.//5.6E-12//184aa//32%/P36146
 55 C-NT2RM4000046//GOLIATH PROTEIN (G1 PROTEIN).//0.000008//112aa//31%/Q06003
 C-NT2RM4000155//"THREONYL-TRNA SYNTHETASE, CYTOPLASMIC (EC 6.1.1.3) (THREONINE--TRNA LIGASE) (THRRS)."//1.2E-157//321aa//61%/P26639
 C-NT2RM4000156//H.sapiens HPBRII-7 gene.//3.6E-21//785bp//60%/X67336

C-NT2RM4000167//"Homo sapiens kinesin superfamily motor KIF4 mRNA, complete cds."//0//
 1946bp//99%//AF071592
 C-NT2RM4000199
 C-NT2RM4000200
 5 C-NT2RM4000202//ZINC FINGER PROTEIN MOK-2 (HOK-2).//4.9E-32//170aa//41%//Q16600
 C-NT2RM4000233//"Mus musculus semaphorin VIa mRNA, complete cds."//3.4E-231//1395bp//86%//
 AF030430
 C-NT2RM4000244
 C-NT2RM4000251
 10 C-NT2RM4000265
 C-NT2RM4000324
 C-NT2RM4000327
 C-NT2RM4000356//RAS-RELATED PROTEIN RAB-17.//5.9E-80//213aa//75%//P35292
 C-NT2RM4000425
 15 C-NT2RM4000433//"Mus musculus retinoic acid-responsive protein (Stra6) mRNA, complete cds."//
 4.1E-271//2085bp//77%//AF062476
 C-NT2RM4000514
 C-NT2RM4000531//ZINC FINGER PROTEIN 29 (ZFP-29).//2.4E-89//389aa//43%//007230
 C-NT2RM4000532
 20 C-NT2RM4000534
 C-NT2RM4000603
 C-NT2RM4000611//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//2.9E-09//108aa//31%//Q00808
 C-NT2RM4000616//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE-COA LIGASE) (ACYL- AC-
 TIVATING ENZYME).//2.7E-146//420aa//60%//P27550
 25 C-NT2RM4000674//HYPOTHETICAL SYMPORTER SLL1374.//1.2E-28//180aa//30%//P74168
 C-NT2RM4000689
 C-NT2RM4000698
 C-NT2RM4000700
 C-NT2RM4000712//"Homo sapiens ubiquitin hydrolyzing enzyme I (UBH1) mRNA, partial cds."//1E-
 30 136//1104bp//77%//AF022789
 C-NT2RM4000717
 C-NT2RM4000733//TRANSCRIPTION TERMINATION FACTOR RHO.//0.00000041//207aa//29%//P52154
 C-NT2RM4000734//"Homo sapiens mRNA for KIAA0760 protein, partial cds."//0//2273bp//99%//
 AB018303
 35 C-NT2RM4000741//"Homo sapiens hSGT1 mRNA for hSgt1p, complete cds."//0//2184bp//99%//
 D88208
 C-NT2RM4000751//ZINC FINGER PROTEIN 184 (FRAGMENT).//3.9E-125//301aa//53%//Q99676
 C-NT2RM4000764
 C-NT2RM4000778
 40 C-NT2RM4000787
 C-NT2RM4000790
 C-NT2RM4000795//"Homo sapiens mRNA for KIAA0951 protein, complete cds."//0//1847bp//96%//
 AB023168
 C-NT2RM4000796
 45 C-NT2RM4000798//"Homo sapiens brefeldin A-inhibited guanine nucleotide-exchange protein 2 mRNA,
 complete cds."//0//2603bp//99%//AF084521
 C-NT2RM4000813
 C-NT2RM4000820//VACUOLAR ATP SYNTHASE SUBUNIT AC45 PRECURSOR (EC 3.6.1.34) (V-ATPASE
 AC45 SUBUNIT).//1.10E-24//138aa//44%//P40682
 50 C-NT2RM4000833
 C-NT2RM4000848
 C-NT2RM4000852
 C-NT2RM4000855
 C-NT2RM4000887
 55 C-NT2RM4000895
 C-NT2RM4000950
 C-NT2RM4000979
 C-NT2RM4001002//Homo sapiens mRNA; cDNA DKFZp586G0518 (from clone DKFZp586G0518).//0//2259bp//

100%//AL050092
 C-NT2RM4001032
 C-NT2RM4001047//M025 PROTEIN.//8E-140//333aa//80%//Q06138
 C-NT2RM4001054//"Homo sapiens sec61 homolog mRNA, complete cds."//3.1E-190//1315bp//81%//
 5 AF077032
 C-NT2RM4001084//HYPOTHETICAL 105.6 KD PROTEIN C16C9.06C IN CHROMOSOME I.//0.000000032//
 165aa//33%//Q09820
 C-NT2RM4001116//HYPOTHETICAL 216.3 KD PROTEIN R06F6.8 IN CHROMOSOME II.//5.9E-86//292aa//
 48%//Q09417
 10 C-NT2RM4001140//HOMEBOX PROTEIN MSH-D.//1E-11//103aa//38%//Q01704
 C-NT2RM4001151
 C-NT2RM4001155//ADRENAL MEDULLA 50 KD PROTEIN.//4.1E-197//445aa//78%//Q27969
 C-NT2RM4001160
 C-NT2RM4001187
 15 C-NT2RM4001191//"Homo sapiens clone 24963 mRNA sequence, complete cds."//0//1950bp//99%//
 AF131737
 C-NT2RM4001200//ZINC FINGER PROTEIN 135.//9.5E-135//375aa//60%//P52742
 C-NT2RM4001203//"Homo sapiens mRNA for KIAA0839 protein, partial cds."//0//3047bp//99%//
 AB020646
 20 C-NT2RM4001204//"Homo sapiens mRNA for KIAA1089 protein, partial cds."//0//2349bp//99%//
 AB029012
 C-NT2RM4001217//"Homo sapiens nuclear matrix protein NRP/B (NRPB) mRNA, complete cds."//
 7.3E-148//1409bp//72%//AF059611
 C-NT2RM4001256//"Xenopus laevis putative Zic3 binding protein mRNA, complete cds."//4.30E-55//
 25 289bp//77%//AF129131
 C-NT2RM4001258
 C-NT2RM4001309
 C-NT2RM4001313//PHOSPHATIDYLINOSITOL 3-KINASE VPS34-LIKE (EC 2.7.1.137) (PI3-KINASE) (PTDINS-
 3-KINASE) (PI3K).//3.50E-35//124aa//65%//P54676
 30 C-NT2RM4001316//"ACYL-COA DEHYDROGENASE, MEDIUM-CHAIN SPECIFIC PRECURSOR (EC
 1.3.99.3) (MCAD)."//2.3E-31//334aa//30%//P08503
 C-NT2RM4001320//"Homo sapiens mRNA for Neuroblastoma, complete cds."//1.8E-39//728bp//64%//
 D89016
 C-NT2RM4001340//UTR4 PROTEIN (UNKNOWN TRANSCRIPT 4 PROTEIN).//1E-28//171aa//37%//P32626
 35 C-NT2RM4001344//HYPOTHETICAL GTP-BINDING PROTEIN IN POP2-HOL1 INTERGENIC REGION.//8.1E-
 30//265aa//33%//P53742
 C-NT2RM4001347//"Homo sapiens NY-REN-25 antigen mRNA, partial cds."//0//2300bp//99%//
 AF155103
 C-NT2RM4001371//"Homo sapiens IDN3 mRNA, partial cds."//0//2524bp//99%//AB019494
 40 C-NT2RM4001382//"Homo sapiens RanBP7/importin 7 mRNA, complete cds."//2.2E-237//1079bp//
 99%//AF098799
 C-NT2RM4001384
 C-NT2RM4001410
 C-NT2RM4001411//"Mus musculus Pro-rich, PH, SH2 domain-containing signaling mediator (PSM) mRNA,
 45 complete cds."//0//1962bp//87%//AF020526
 C-NT2RM4001412//"Homo sapiens nGAP mRNA, complete cds."//0//1918bp//99%//AF047711
 C-NT2RM4001414
 C-NT2RM4001437
 C-NT2RM4001444//ISOLEUCYL-TRNA SYNTHETASE (EC 6.1.1.5) (ISOLEUCINE-TRNA LIGASE) (ILERS).//
 50 1.4E-118//444aa//46%//P73505
 C-NT2RM4001454
 C-NT2RM4001455
 C-NT2RM4001483//ZINC FINGER PROTEIN 136.//5.1E-106//357aa//55%//P52737
 C-NT2RM4001489//"Homo sapiens mRNA for KIAA0685 protein, complete cds."//0//1810bp//99%//
 55 AB014585
 C-NT2RM4001522
 C-NT2RM4001557//"Homo sapiens mRNA for KIAA1040 protein, partial cds."//0//1547bp//97%//
 AB028963

C-NT2RM4001565
 C-NT2RM4001566//"Homo sapiens mRNA for KIAA1114 protein, complete cds."//0//1900bp//99%//
 AB029037
 C-NT2RM4001582//"Mus musculus COP9 complex subunit 7b (COPS7b) mRNA, complete cds."//
 5 1.5E-284//1082bp//90%//AF071317
 C-NT2RM4001592//"Homo sapiens mRNA for KIAA1122 protein, partial cds."//0//2170bp//99%//
 AB032948
 C-NT2RM4001594
 C-NT2RM4001597//M.musculus red-1 gene.//2.1E-171//1414bp//78%//X92750
 10 C-NT2RM4001611//SIS2 PROTEIN (HALOTOLERANCE PROTEIN HAL3).//2.6E-32//203aa//39%//Q12600
 C-NT2RM4001629//"MAGUK P55 SUBFAMILY MEMBER 3 (MPP3 PROTEIN) (DISCS, LARGE HOMOLOG
 3)."//1.5E-93//278aa//38%//Q13368
 C-NT2RM4001650
 C-NT2RM4001662
 15 C-NT2RM4001666//HYPOTHETICAL 48.6 KD PROTEIN IN ALPA-GABP INTERGENIC REGION.//2.7E-84//
 410aa//42%//P37339
 C-NT2RM4001682
 C-NT2RM4001710
 C-NT2RM4001714//SEPTIN 2 HOMOLOG (FRAGMENT).//8.9E-141//354aa//72%//Q14141
 20 C-NT2RM4001715
 C-NT2RM4001731//"Homo sapiens mRNA for KIAA1004 protein, partial cds."//0//1922bp//100%//
 AB023221
 C-NT2RM4001746
 C-NT2RM4001754
 25 C-NT2RM4001758//PUTATIVE SERINE/THREONINE-PROTEIN KINASE EMK (EC 2.7.1.-).//4.1E-186//639aa//
 58%//Q05512
 C-NT2RM4001783//ZINC FINGER PROTEIN HRX (ALL-1).//7.9E-66//311aa//35%//Q03164
 C-NT2RM4001810//"Homo sapiens mRNA for KIAA0863 protein, complete cds."//0//2377bp//99%//
 AB020670
 30 C-NT2RM4001813//LECTIN BRA-2.//0.00000048//114aa//30%//P17346
 C-NT2RM4001823//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6).//2.9E-55//325aa//37%//P28160
 C-NT2RM4001828//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//5.9E-161//481aa//56%//
 P51523
 C-NT2RM4001836
 35 C-NT2RM4001841//"Homo sapiens mRNA for KIAA0920 protein, complete cds."//0//1861bp//98%//
 AB023137
 C-NT2RM4001842
 C-NT2RM4001856
 C-NT2RM4001858//T-BOX CONTAINING PROTEIN TBX6L (FRAGMENT).//6.5E-22//126aa//46%//P79779
 40 C-NT2RM4001865//Homo sapiens mRNA for atopy related autoantigen CALC.//4.3E-244//1248bp//94%//Y17711
 C-NT2RM4001876//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP-1).//6.5E-23//184aa//
 36%//Q15404
 C-NT2RM4001880//PUTATIVE DNA HELICASE II HOMOLOG (EC 3.6.1.-).//5.9E-09//268aa//26%//P47486
 C-NT2RM4001922//"Homo-sapiens mRNA for KIAA0957 protein, complete cds."//0//2165bp//99%//
 45 AB023174
 C-NT2RM4001930//"Homo sapiens dolichyl-P-Glc:Man9GlcNAc2-PP-dolichyl glucosyltransferase (ALG6)
 mRNA, complete cds."//0//1930bp//99%//AF102851
 C-NT2RM4001940//"Homo sapiens timeless homolog mRNA, complete cds."//0//2087bp//99%//
 AF098162
 50 C-NT2RM4001953
 C-NT2RM4001965
 C-NT2RM4001969//R.norvegicus mRNA for IP63 protein.//2.6E-261//1563bp//84%//X99330
 C-NT2RM4001979//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.8E-112//457aa//47%//
 P51523
 55 C-NT2RM4001984
 C-NT2RM4001987//"NEURAL CELL ADHESION MOLECULE 1, LARGE ISOFORM PRECURSOR (N-CAM
 180) [CONTAINS: N-CAM 140]."//3.2E-17//281aa//30%//P16170
 C-NT2RM4002013//HYPOTHETICAL 89.4 KD TRP-ASP REPEATS CONTAINING PROTEIN IN PMT6-PCT1

INTERGENIC REGION.//6.9E-94//589aa//35%//P42935
 C-NT2RM4002018
 C-NT2RM4002034//"Homo sapiens hiwi mRNA, partial cds."//1.9E-53//1585bp//60%//AF104260
 C-NT2RM4002044
 5 C-NT2RM4002054
 C-NT2RM4002063//"Oryctolagus cuniculus sarcosine oxidase (SOX) mRNA, complete cds."//0//1865bp//99%//U82267
 C-NT2RM4002066//"Homo sapiens thyroid hormone receptor-associated protein complex component TRAP230 mRNA, complete cds."//1.50E-211//1123bp//71%//AF117755
 10 C-NT2RM4002075//RING CANAL PROTEIN (KELCH PROTEIN).//2.8E-105//556aa//41%//Q04652
 C-NT2RM4002128
 C-NT2RM4002140
 C-NT2RM4002145//SLIT PROTEIN PRECURSOR.//1.40E-09//127aa//33%//P24014
 C-NT2RM4002161//"Homo sapiens laforin (EPM2A) mRNA, complete cds."//0//2671bp//99%//AF084535
 15 C-NT2RM4002174//MRP PROTEIN.//9.1E-68//264aa//51%//P21590
 C-NT2RM4002189//"GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLU-COSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE)."//6.2E-33//688aa//27%//P08640
 C-NT2RM4002205//"ELONGATION FACTOR G, MITOCHONDRIAL PRECURSOR (MEF-G)."//3E-37//122aa//72%//Q07803
 20 C-NT2RM4002213//"Homo sapiens protein phosphatase methylesterase-1 (PME-1) mRNA, complete cds."//0//2452bp//100%//AF157028
 C-NT2RM4002226//GTPASE ACTIVATING PROTEIN ROTUND.//3.7E-19//147aa//41%//P40809
 C-NT2RM4002251//"ALPHA-1,3-MANNOSYL-GLYCOPROTEIN BETA-1,2-N-ACETYLGLUCOSAMINYL-TRANSFERASE (EC 2.4.1.101) (N-GLYCOSYL-OLIGOSACCHARIDE-GLYCOPROTEIN N-ACETYLGLU-COSAMINYLTRANSFERASE I) (GNT-I) (GLCNAC-TI)."//2.2E-36//320aa//38%//P27808
 25 C-NT2RM4002256
 C-NT2RM4002266
 C-NT2RM4002281
 30 C-NT2RM4002287
 C-NT2RM4002294
 C-NT2RM4002301
 C-NT2RM4002323//ANTIGEN GOR (FRAGMENT).//0.000000001//154aa//33 %//P48778
 C-NT2RM4002339
 35 C-NT2RM4002344
 C-NT2RM4002373//"Homo sapiens mRNA for KIAA0649 protein, complete cds."//0//2666bp//99%//AB014549
 C-NT2RM4002374
 C-NT2RM4002383
 40 C-NT2RM4002409//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- AC-TIVATING ENZYME).//1.3E-29//275aa//30%//P27095
 C-NT2RM4002438//"Xenopus laevis putative Zic3 binding protein mRNA, complete cds."//1.1E-49//611bp//70%//AF129131
 C-NT2RM4002446
 45 C-NT2RM4002452
 C-NT2RM4002457
 C-NT2RM4002460//"ENV POLYPROTEIN (COAT POLYPROTEIN) [CONTAINS: COAT PROTEINS GP70, GP20]."//0.0000016//226aa//24%//P51515
 C-NT2RM4002493
 50 C-NT2RM4002527//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//8.9E-15//366aa//27%//Q00808
 C-NT2RM4002532//PROTEIN HOM1.//2E-16//276aa//28%//P55137
 C-NT2RM4002558//"Homo sapiens fatty acid transport protein (FATP) mRNA, complete cds."//0//1797bp//99%//AF055899
 C-NT2RM4002567
 55 C-NT2RM4002593
 C-NT2RM4002594//MSP1 PROTEIN HOMOLOG.//2.7E-68//236aa//58%//P54815
 C-NT2RM4002623//ASPARTYL-TRNA SYNTHETASE (EC 6.1.1.12) (ASPARTATE--TRNA LIGASE) (ASPRS).//2.3E-101//488aa//45%//O32038

C-NT2RP1000324
 C-NT2RP1000363//"Homo sapiens mRNA for KIAA0638 protein, partial cds."//0//1345bp//99%//
 AB014538
 C-NT2RP1000418
 5 C-NT2RP1000513//"Human NifU-like protein (hNifU) mRNA, partial cds."//6.50E-171//516bp//99%//
 U47101
 C-NT2RP1000721
 C-NT2RP1000730
 C-NT2RP1000767
 10 C-NT2RP1000836
 C-NT2RP1000902//HYPOTHETICAL 127.4 KD PROTEIN F07F6.4 IN CHROMOSOME III.//5.2E-20//306aa//
 33%//Q09531
 C-NT2RP1000943
 C-NT2RP1001033//"Homo sapiens delta-tubulin mRNA, complete cds."//2.10E-285//1290bp//100%//
 15 AF201333
 C-NT2RP1001073//"Homo sapiens U6 snRNA-associated Sm-like protein LSm5 mRNA, complete cds.
 "//8.1E-107//504bp//99%//AF182291
 C-NT2RP1001199
 C-NT2RP1001248
 20 C-NT2RP1001253//"Homo sapiens oscillin (hLn) mRNA, complete cds."//0//2020bp//99%//AF029914
 C-NT2RP1001286
 C-NT2RP1001294//MICROTUBULE-ASSOCIATED PROTEIN YTM1.//1.80E-38//258aa//32%//Q12024
 C-NT2RP1001302//MICROTUBULE-ASSOCIATED PROTEIN YTM1.//1.80E-38//258aa//32%//Q12024
 C-NT2RP1001310//"Homo sapiens mitochondrial carrier homolog 1 isoform a mRNA, partial cds; nuclear
 25 gene for mitochondrial product."//0//1732bp//99%//AF176006
 C-NT2RP1001361//"Homo sapiens NADH-ubiquinone oxidoreductase subunit B14.5B homolog mRNA,
 complete cds."//6.5E-116//541bp//100%//AF070652
 C-NT2RP1001385//HYPOTHETICAL 48.8 KD PROTEIN IN SSU81-SCS2 INTERGENIC REGION.//2.7E-22//
 284aa//25%//P40074
 30 C-NT2RP1001432
 C-NT2RP2000040//"Homo sapiens mRNA for KIAA0747 protein, partial cds."//0//2648bp//99%//
 AB013290
 C-NT2RP2000076//Homo sapiens partial mRNA for polyhomeotic 2 protein (PH2 gene).//7.9E-20//265bp//73%//
 AJ242730
 35 C-NT2RP2000098
 C-NT2RP2000108
 C-NT2RP2000257//PUTATIVE MITOCHONDRIAL CARRIER YIL006W.//9.7E-41//278aa//36%//P40556
 C-NT2RP2000258//ACTIVATOR 1 140 KD SUBUNIT (REPLICATION FACTOR C LARGE SUBUNIT) (A1 140 KD
 SUBUNIT) (RF-C 140 KD SUBUNIT) (ACTIVATOR 1 LARGE SUBUNIT) (DNA-BINDING PROTEIN PO-GA).//
 40 7.1E-12//213aa//23%//P35251
 C-NT2RP2000289
 C-NT2RP2000327
 C-NT2RP2000337
 C-NT2RP2000420//ZINC FINGER PROTEIN 165.//8.5E-33//155aa//52%//P49910
 45 C-NT2RP2000459
 C-NT2RP2000498
 C-NT2RP2000758
 C-NT2RP2001137
 C-NT2RP2001149
 50 C-NT2RP2001168//VERPROLIN.//1.5E-09//143aa//33%//P37370
 C-NT2RP2001173//"Homo sapiens mRNA for KIAA0480 protein, complete cds."//0//1780bp//99%//
 AB007949
 C-NT2RP2001174//GASTRULA ZINC FINGER PROTEIN XLGCF46.1 (FRAGMENT).//6E-10//88aa//38%//
 P18722
 55 C-NT2RP2001196
 C-NT2RP2001226
 C-NT2RP2001268//"Homo sapiens mRNA for KIAA0810 protein, partial cds."//0//3301bp//98%//
 AB018353

C-NT2RP2001290//BETA-SOLUBLE NSF ATTACHMENT PROTEIN (SNAP-BETA) (SNAP-ALPHA HOMOLOG)
 (BRAIN PROTEIN 147) (FRAGMENT).//4.4E-91//179aa//99%/P28663
 C-NT2RP2001295//ZINC/CADMIUM RESISTANCE PROTEIN.//8.3E-39//161aa//34%/P20107
 C-NT2RP2001312
 5 C-NT2RP2001327//"TUMOR NECROSIS FACTOR, ALPHA-INDUCED PROTEIN 1, ENDOTHELIAL (B12
 PROTEIN)."//5.5E-116//311aa//71%/Q13829
 C-NT2RP2001328
 C-NT2RP2001366
 C-NT2RP2001378//MUCIN 2 PRECURSOR (INTESTINAL MUCIN 2).//2E-11//403aa//25%/Q02817
 10 C-NT2RP2001392//MITOCHONDRIAL LON PROTEASE HOMOLOG 1 PRECURSOR (EC 3.4.21.-).//8.4E-192//
 581aa//54%/P93647
 C-NT2RP2001394//Homo sapiens mRNA for SCML2 protein.//0//2068bp//99%/Y18004
 C-NT2RP2001420//"Mus musculus nuclear protein NIP45 mRNA, complete cds."//9E-112//742bp//
 82%/U76759
 15 C-NT2RP2001450
 C-NT2RP2001467
 C-NT2RP2001506
 C-NT2RP2001511//"Homo sapiens putative RNA-binding protein Q99 mRNA, complete cds."//3.2E-
 297//2206bp//75 %//AF093097
 20 C-NT2RP2001520//Homo sapiens mRNA for mitochondrial carrier protein ARALAR1.//0//2502bp//99%/Y14494
 C-NT2RP2001536//"Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3) mRNA, complete
 cds."//0//2326bp//99%/AF035586
 C-NT2RP2001560//NAV2 PROTEIN.//0.00000015//219aa//27%/Q60992
 C-NT2RP2001576//HYPOTHETICAL 62.2 KD PROTEIN C4G8.12C IN CHROMOSOME 1.//8.2E-29//294aa//
 25 31%/Q09837
 C-NT2RP2001581
 C-NT2RP2001597//"RYANODINE RECEPTOR, CARDIAC MUSCLE."//0.000000036//127aa//36%/P30957
 C-NT2RP2001628
 30 C-NT2RP2001663//ENOLASE (EC 4.2.1.11) (2-PHOSPHOGLYCERATE DEHYDRATASE) (2-PHOSPHO-D-
 GLYCERATE HYDRO-LYASE) (FRAGMENT).//1.1E-47//126aa//53%/P42897
 C-NT2RP2001748//FARNESYL PYROPHOSPHATE SYNTHETASE (FPP SYNTHETASE) (FPS) (FARNESYL DI-
 PHOSPHATE SYNTHETASE) (DIMETHYLALLYLTRANSFERASE (EC 2.5.1.1) / GERANYLTRANSTRANS-
 FERASE (EC 2.5.1.10)) (KIAA0032).//5.40E-47//96aa//97%/P14324
 35 C-NT2RP2001813
 C-NT2RP2001883//"Homo sapiens CGI-01 protein mRNA, complete cds."//0//2306bp//99%/AF132936
 C-NT2RP2001900//ACTIN-LIKE PROTEIN ARP5.//2.3E-38//395aa//30%/P53946
 C-NT2RP2001947
 40 C-NT2RP2001985//"Homo sapiens high-risk human papilloma viruses E6 oncoproteins targeted protein
 E6TP1 alpha mRNA, complete cds."//2.00E-38//435bp//67%/AF090989
 C-NT2RP2001991//SODIUM- AND CHLORIDE-DEPENDENT TRANSPORTER NTT73.//6.5E-129//279aa//85%/Q08469
 C-NT2RP2002025//NG-CAM RELATED CELL ADHESION MOLECULE PRECURSOR (NR-CAM) (BRAVO).//
 45 1.7E-47//247aa//52%/P35331
 C-NT2RP2002058//"Homo sapiens WD repeat protein WDR3 (WDR3) mRNA, complete cds."//0//
 2510bp//99%/AF083217
 C-NT2RP2002076//Homo sapiens clone 24804 mRNA sequence.7//1.5E-294//1334bp//99%/AF052183
 C-NT2RP2002078//PECANEX PROTEIN.//1.8E-09//195aa//32%/P18490
 50 C-NT2RP2002079//"HISTONE H1, GONADAL."//4.4E-11//214aa//34%/P02256
 C-NT2RP2002099//Homo sapiens mRNA for E1B-55kDa-associated protein.//0//3389bp//99%/AJ007509
 C-NT2RP2002185//"Homo sapiens ubiquitin mRNA, complete cds."//0//1789bp//99%/AF176069
 C-NT2RP2002193//"Homo sapiens PIAS3 mRNA for protein inhibitor of activated STAT3, complete cds.
 "//0//2809bp//99%/AB021868
 55 C-NT2RP2002231
 C-NT2RP2002235
 C-NT2RP2002252//"Mus musculus (clone pVZmSin3A9) mSin3A9 mRNA, complete cds."//0//3118bp//
 91%/L38621

C-NT2RP2002292
 C-NT2RP2002408
 C-NT2RP2002442//HESA PROTEIN.//2.8E-14//163aa//30%/P46037
 C-NT2RP2002464//DNA CROSS-LINK REPAIR PROTEIN PS02/SNM1.//6.50E-07//171aa//27%/P30620
 5 C-NT2RP2002498
 C-NT2RP2002503//ZINC FINGER PROTEIN 45 (BRC1744).//4.6E-144//537aa//49%/Q02386
 C-NT2RP2002520//"Homo sapiens transcription factor RFX-B (RFXB) mRNA, complete cds."//3.70E-34//668bp//61%/AF105427
 C-NT2RP2002549
 10 C-NT2RP2002609//2-HYDROXYMUCONIC SEMIALDEHYDE HYDROLASE (EC 3.1.1.-) (HMSH).//2.80E-08//109aa//37%/P19076
 C-NT2RP2002706
 C-NT2RP2002710//SH3-BINDING PROTEIN 3BP-1.//4.9E-85//489aa//43%/P55194
 C-NT2RP2002800
 15 C-NT2RP2002880//GLUCOSE REPRESSION MEDIATOR PROTEIN.//0.000039//206aa//23%/P14922
 C-NT2RP2002891
 C-NT2RP2002929//HYPOTHETICAL 46.2 KD TRP-ASP REPEATS CONTAINING PROTEIN D2013.2 IN CHROMOSOME II.//4.1E-87//395aa//40%/Q18964
 C-NT2RP2002939//ZINC FINGER PROTEIN 136.//5.4E-70//282aa//42%/P52737
 20 C-NT2RP2002993//DNA-DIRECTED RNA POLYMERASE I 135 KD POLYPEPTIDE (EC 2.7.7.6) (RNA POLYMERASE I SUBUNIT 2) (RPA135).//0//716aa//91%/P70700
 C-NT2RP2003034
 C-NT2RP2003099
 C-NT2RP2003137//UBIQUITIN.//0.000026//70aa//30%/P13117
 25 C-NT2RP2003157//"Homo sapiens CGI-74 protein mRNA, complete cds."//0//2037bp//99%/AF151832
 C-NT2RP2003158//"Homo sapiens mRNA for proteasome subunit p58, complete cds."//0//2091bp//99%/D67025
 C-NT2RP2003165
 30 C-NT2RP2003243//Homo sapiens partial mRNA for putative p621 protein which interacts with transcription factor Sp1.//0//1544bp//99%/AJ242978
 C-NT2RP2003277//"Homo sapiens mRNA for KIAA0625 protein, partial cds."//0//3788bp//99%/AB014525
 C-NT2RP2003286//PROBABLE RNA 3'-TERMINAL PHOSPHATE CYCLASE (EC 6.5.1.4) (RNA-3'-PHOSPHATE CYCLASE) (RNA CYCLASE).//4.1E-88//374aa//47%/Q23400
 35 C-NT2RP2003297
 C-NT2RP2003307//KINESIN LIGHT CHAIN (KLC).//2.2E-199//550aa//70%/Q07866
 C-NT2RP2003308//CROOKED NECK PROTEIN.//5.4E-244//622aa//67%/P17886
 C-NT2RP2003347//BREAST CANCER TYPE 1 SUSCEPTIBILITY PROTEIN HOMOLOG.//0.000022//261aa//24%/P48754
 40 C-NT2RP2003391//Homo sapiens mRNA for nuclear transport receptor.//0//1509bp//99%/AJ133769
 C-NT2RP2003393
 C-NT2RP2003445
 C-NT2RP2003466//"Homo sapiens delta-6 fatty acid desaturase mRNA, complete cds."//7//2194bp//99%/AF126799
 45 C-NT2RP2003480//"Homo sapiens zinc finger DNA binding protein 99 (ZNF281) mRNA, complete cds."//0//3012bp//99%/AF125158
 C-NT2RP2003506//NADPH-CYTOCHROME P450 REDUCTASE (EC 1.6.2.4) (CPR).//5.4E-14//106aa//46%/P04175
 50 C-NT2RP2003511
 C-NT2RP2003513//"Human mRNA for KIAA0270 gene, partial cds."//0//2137bp//97%/D87460
 C-NT2RP2003567//"Homo sapiens mRNA for KIAA0462 protein, partial cds."//0//2343bp//99%/AB007931
 C-NT2RP2003604//"Homo sapiens alpha-catenin-like protein (CTNNAL1) mRNA, complete cds."//0//2442bp//99%/AF030233
 55 C-NT2RP2003691
 C-NT2RP2003713//"Homo sapiens ubiquitin-specific protease 3 (USP3) mRNA, complete cds."//0//2018bp//99%/AF073344

C-NT2RP2003760//COATOMER GAMMA SUBUNIT (GAMMA-COAT PROTEIN) (GAMMA-COP).//0//869aa//
 80%//P53620
 C-NT2RP2003764
 C-NT2RP2003769
 5 C-NT2RP2003777
 C-NT2RP2003840//HYPOTHETICAL 48.1 KD PROTEIN B0403.2 IN CHROMOSOME X.//3.7E-21//137aa//43%//
 Q11076
 C-NT2RP2003857//MYOTROPHIN (V-1 PROTEIN) (GRANULE CELL DIFFERENTIATION PROTEIN).//
 0.00000016//117aa//29%//Q91955
 10 C-NT2RP2003981//"Homo sapiens mRNA for KIAA0804 protein, partial cds."//0//3046bp//99%//
 AB018347
 C-NT2RP2003984//Homo sapiens mRNA; cDNA DKFZp564A026 (from clone DKFZp564A026).//0//2514bp//
 99%//AL050367
 C-NT2RP2004041//SYNAPSINS IA AND IB.//0.00000074//159aa//32%//P17599
 15 C-NT2RP2004066//"Human DNA sequence from clone 134019 on chromosome 1p36.11-36.33, complete
 sequence."//0//2410bp//99%//AL034555
 C-NT2RP2004081
 C-NT2RP2004124
 C-NT2RP2004152
 20 C-NT2RP2004165
 C-NT2RP2004187//ZINC FINGER PROTEIN 38 (ZFP-38) (CTFIN51) (TRANSCRIPTION FACTOR RU49).//5.6E-
 31//424aa//28%//007231
 C-NT2RP2004239//"Homo sapiens lok mRNA for protein kinase, complete cds."//0//3044bp//99%//
 AB015718
 25 C-NT2RP2004245
 C-NT2RP2004364
 C-NT2RP2004365
 C-NT2RP2004366//"Homo sapiens mRNA for KIAA0986 protein, partial cds."//0//2790bp//97%//
 AB023203
 30 C-NT2RP2004373
 C-NT2RP2004476//"Homo sapiens cyclin L ania-6a mRNA, complete cds."//0//2075bp//99%//
 AF180920
 C-NT2RP2004551
 C-NT2RP2004568//PUTATIVE ATP-DEPENDENT RNA HELICASE C30D11.03.//3E-117//625aa//40%//Q09903
 35 C-NT2RP2004600
 C-NT2RP2004664//"Homo sapiens mRNA for KIAA0460 protein, partial cds."//0//2368bp//99%//
 AB007929
 C-NT2RP2004743
 C-NT2RP2004768//SERINE/THREONINE-PROTEIN KINASE NRK1 (EC 2.7.1.-) (N-RICH KINASE 1).//1.3E-26//
 40 190aa//41-%//P38692
 C-NT2RP2004816//"Homo sapiens H beta 58 homolog mRNA, complete cds."//0//2144bp//96%//
 AF054179
 C-NT2RP2004861
 C-NT2RP2004897
 45 C-NT2RP2004933//"Homo sapiens mRNA for ZIP-kinase, complete cds."//0//2103bp//99%//AB007144
 C-NT2RP2004978//ACTIN-LIKE PROTEIN ARP8.//3.3E-47//353aa//30%//Q12386
 C-NT2RP2005038//DNA NUCLEOTIDYLEXOTRANSFERASE (EC 2.7.7.31) (TERMINAL ADDITION ENZYME)
 (TERMINAL DEOXYNUCLEOTIDYLTRANSFERASE) (TERMINAL TRANSFERASE).//4E-91//218aa//44%//
 Q92089
 50 C-NT2RP2005162//"Homo sapiens aspartyl aminopeptidase mRNA, complete cds."//0//1615bp//99%//
 AF005050
 C-NT2RP2005204//"Homo sapiens SUMO-1-activating enzyme E1 N subunit (SUA1) mRNA, complete cds.
 "//0//1262bp//99%//AF090385
 C-NT2RP2005227
 55 C-NT2RP2005287
 C-NT2RP2005288//"Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete cds."//0//
 2992bp//99%//AF060219
 C-NT2RP2005490//"Mus musculus D3Mm3e (D3Mm3e) mRNA, complete cds."//1.8E-175//1102bp//

83%//AF053628
 C-NT2RP2005539//"Homo sapiens mRNA for KIAA0850 protein, complete cds."//0//1560bp//99%//
 AB020657
 C-NT2RP2005605//QUEUINE TRNA-RIBOSYLTRANSFERASE (EC 2.4.2.29) (TRNA-GUANINE TRANSGLYC-
 5 OSYLASE) (GUANINE INSERTION ENZYME).//8.2E-23//164aa//28%//032053
 C-NT2RP2005722//"Homo sapiens ZK1 mRNA for Kruppel-type zinc finger protein, complete cds."//
 0//2545bp//99%//AB011414
 C-NT2RP2005732
 C-NT2RP2005784//"Homo sapiens ubiquitin-conjugating enzyme variant Kua (UBE2V) mRNA, complete
 10 cds."//0//2191bp//92%//AF155120
 C-NT2RP2005812//HYPOTHETICAL 39.3 KD PROTEIN IN GCN4-WBP1 INTERGENIC REGION.//2.3E-39//
 318aa//31%//P40004
 C-NT2RP2005859//"Homo sapiens mRNA for KIAA0863 protein, complete cds."//0//1649bp//99%//
 AB020670
 15 C-NT2RP2006023
 C-NT2RP2006334//Homo sapiens mRNA; cDNA DKFZp434J154 (from clone DKFZp434J154).//0//2318bp//99%//
 AL080155
 C-NT2RP2006441
 C-NT2RP3000002
 20 C-NT2RP3000050//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//2.2E-150//490aa//
 53%//Q05481
 C-NT2RP3000055
 C-NT2RP3000068
 C-NT2RP3000080
 25 C-NT2RP3000085//ACETYL-/PROPIONYL-COENZYME A CARBOXYLASE ALPHA CHAIN [CONTAINS: BIOTIN
 CARBOXYLASE (EC 6.3.4.14); BIOTIN CARBOXYL CARRIER PROTEIN (BCCP)].//1.9E-123//436aa//50%//
 P46401
 C-NT2RP3000092
 C-NT2RP3000109//P54 PROTEIN PRECURSOR.//0.0000065//358aa//22%//P13692
 30 C-NT2RP3000134
 C-NT2RP3000149
 C-NT2RP3000197
 C-NT2RP3000207//"GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLU-
 COSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE)."//2.9E-11//721aa//23%//P08640
 35 C-NT2RP3000233//"Human DNA sequence from clone 22D12 on chromosome Xq21.1-21.33. Contains a
 novel protein similar to Drosophila Kelch (Ring Canal protein, KEL) and a heterogenous set of other types of
 proteins. Contains ESTs and GSSs, complete sequence."//0//1462bp//99%//AL035424
 C-NT2RP3000235
 C-NT2RP3000247
 40 C-NT2RP3000267
 C-NT2RP3000299//"Rattus norvegicus mRNA for Crk-associated substrate, p130, complete cds."//0//
 2730bp//82%//D29766
 C-NT2RP3000324
 C-NT2RP3000341//"Homo sapiens mitochondrial inner membrane preprotein translocase Timl7a mRNA,
 45 nuclear gene encoding mitochondrial protein, complete cds."//1.5E-246//1124bp//99%//AF106622
 C-NT2RP3000393//"Rattus norvegicus DNA-binding protein PREB (Preb) mRNA, complete cds."//
 5.8E-266//1373bp//86%//AF061817
 C-NT2RP3000441//"Homo sapiens squamous cell carcinoma antigen recognized by T cell (SART-2) mRNA,
 complete cds."//3.40E-42//645bp//67%//AF098066
 50 C-NT2RP3000449
 C-NT2RP3000451
 C-NT2RP3000456
 C-NT2RP3000542
 C-NT2RP3000561
 55 C-NT2RP3000562//"Homo sapiens putative RNA-binding protein Q99 mRNA, complete cds."//0//
 2165bp//99%//AF093097
 C-NT2RP3000578//HES1 PROTEIN.//1-3E-22//229aa//27%//P35843
 C-NT2RP3000590//UVS-2 PROTEIN.//1.3E-22//458aa//24%//P33288

C-NT2RP3000592
 C-NT2RP3000622
 C-NT2RP3000624
 C-NT2RP3000685
 5 C-NT2RP3000736//HYPOTHETICAL PROTEIN KIAA0140.//1.2E-166//305aa//99%//014153
 C-NT2RP3000742//"1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE DELTA
 1 (EC 3.1.4.11) (PLC-DELTA-1) (PHOSPHOLIPASE C-DELTA-1) (PLC-III) (FRAGMENT)."//4.1E-165//
 371aa//49%//P10895
 C-NT2RP3000753
 10 C-NT2RP3000826
 C-NT2RP3000865
 C-NT2RP3000875//MEVALONATE KINASE (EC 2.7.1.36) (MK).//7.7E-87//175aa//98%//Q03426
 C-NT2RP3001007
 C-NT2RP3001055
 15 C-NT2RP3001111//"Homo sapiens TRF-proximal protein mRNA, complete cds."//1.50E-149//731bp//
 97%//AF097725
 C-NT2RP3001120//ZINC FINGER PROTEIN 136.//7.8E-170//512aa//58%//P52737
 C-NT2RP3001126
 C-NT2RP3001150//TRANSCRIPTION TERMINATION FACTOR RHO.//0.00000031//207aa//29%//P51254
 20 C-NT2RP3001232
 C-NT2RP3001268//"Homo sapiens zinc finger protein ZNF228 (ZNF228) mRNA, complete cds."//0//
 3606bp//99%//AF198358
 C-NT2RP3001272//Mus musculus mRNA for macrophage actin-associated-tyrosine-phosphorylated protein.//
 1.3E-99//669bp//83%//Y18101
 25 C-NT2RP3001274//"Homo sapiens mRNA for KIAA1037 protein, partial cds."//0//2254bp//99%//
 AB028960
 C-NT2RP3001281
 C-NT2RP3001297
 C-NT2RP3001318
 30 C-NT2RP3001338//ZINC FINGER PROTEIN 81 (FRAGMENT).//2.4E-16//175aa//28%//P51508
 C-NT2RP3001355//TRICARBOXYLATE TRANSPORT PROTEIN PRECURSOR (CITRATE TRANSPORT PRO-
 TEIN) (CTP) (TRICARBOXYLATE CARRIER PROTEIN).//3.6E-25//129aa//34%//P32089
 C-NT2RP3001374
 C-NT2RP3001428//NUCLEOPROTEIN TPR.//1.4E-128//152aa//99%//P12270
 35 C-NT2RP3001432
 C-NT2RP3001447
 C-NT2RP3001449//"Human DNA sequence from clone 283E3 on chromosome 1p36.21-36.33. Contains the
 alternatively spliced gene for Matrix Metalloproteinase in the Female Reproductive tract MIFR1, -2, MMP21/22A,
 -B and -C, a novel gene, the alternatively spliced CDC2L2 gene for Cell Division Cycle 2-Like 2 (PITSLRE, p58/GTA,
 40 Galactosyltransferase Associated Protein Kinase) beta 1, beta 2-1, beta 2-2 and alpha 2-4, a 40S Ribosomal
 Protein S7 pseudogene, part of the KIAA0447 gene, a novel alternatively spliced gene similar to many (archae)
 bacterial, worm and yeast hypothetical genes, and the GNB1 gene for Guanine Nucleotide Binding Protein (G
 protein), Beta polypeptide 1 (Transducin Beta chain 1). Contains putative CpG islands, ESTs, STSs and GSSs,
 complete sequence."//0//1827bp//99%//AL031282
 45 C-NT2RP3001453//ANTIGEN PEPTIDE TRANSPORTER 2 (APT2) (HISTOCOMPATIBILITY ANTIGEN MODIFI-
 ER 2).//3.2E-90//157aa//59%//P36371
 C-NT2RP3001459
 C-NT2RP3001527//"Human Spl40 protein (Spl40) mRNA, complete cds."//4.3E-290//793bp//93%//
 U63420
 50 C-NT2RP3001538//HYPOTHETICAL 39.0 KD PROTEIN T2.8D9.3 IN CHROMOSOME II.//9.10E-10//158aa//
 31%//Q10022
 C-NT2RP3001580//"Mus musculus strain C57BL/J germ cell-less protein (Gcl) mRNA, complete cds."//
 0//1730bp//85%//AF163665
 C-NT2RP3001587//"Human anthracycline-associated resistance ARX mRNA, complete cds."//0//
 55 2617bp//99%//U35832
 C-NT2RP3001589
 C-NT2RP3001607
 C-NT2RP3001608

C-NT2RP3001671//"Homo sapiens mRNA for KIAA0850 protein, complete cds."//0//2310bp//99%//AB020657
C-NT2RP3001672//"Homo sapiens Sex comb on midleg homolog 1 isoform 2 (SCMH1) mRNA, complete cds."//0//2836bp//99%//AF149046
5 C-NT2RP3001678
C-NT2RP3001688//"Homo sapiens glucocorticoid modulatory element binding protein-1 (GMEB1) mRNA, complete cds."//0//1695bp//99%//AF099013
C-NT2RP3001690//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//0.00000024//481aa//21%//P25386
10 C-NT2RP3001698
C-NT2RP3001708//TWISTED GASTRULATION PROTEIN PRECURSOR.//3.4E-33//161aa//32%//P54356
C-NT2RP3001716
C-NT2RP3001752
C-NT2RP3001792//HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN M (HNRNP M).//1.8E-117//462aa//55%//P52272
15 C-NT2RP3001844
C-NT2RP3001854//Homo sapiens mRNA; cDNA DKFZp564G013 (from clone DKFZp564G013).//0//1528bp//99%//AL050011
C-NT2RP3001855//HOMEODOMAIN PROTEIN PKNOX1 (HOMEODOMAIN PROTEIN PREP-1).//8.1E-125//302aa//60%//P55347
20 C-NT2RP3001898//"Homo sapiens mRNA for UDP-N-acetylglucosamine: alpha-1,3-D-mannoside beta-1,4-N-acetylglucosaminyltransferase IV, complete cds."//0//1587bp//100%//AB000624
C-NT2RP3001931
C-NT2RP3001969//TRICHOHYALIN.//2.7E-11//442aa//23%//P37709
25 C-NT2RP3002002
C-NT2RP3002004//H.sapiens mRNA for FAST kinase.//1.50E-19211475bp//94%//X86779
C-NT2RP3002007//SAP1 PROTEIN.//1.1E-68//474aa//32%//P39955
C-NT2RP3002014//HYPOTHETICAL 32.0 KD PROTEIN C09F5.2 IN CHROMOSOME III.//5.30E-25//139aa//48%//Q09232
30 C-NT2RP3002045//"Homo sapiens mRNA for KIAA0899 protein, partial cds."//0//33 85bp//99%//AB020706
C-NT2RP3002056//"Homo sapiens Rb binding protein homolog mRNA, partial cds."//0//2374bp//99%//AF083249
C-NT2RP3002062//"Homo sapiens mRNA for KIAA0873 protein, partial cds."//0//3764bp//99%//AB020680
35 C-NT2RP3002081//"Xenopus laevis chromosome condensation protein XCAP-G mRNA, complete cds."//4.1E-233//1896bp//69%//AF111423
C-NT2RP3002097
C-NT2RP3002108//DEC1 PROTEIN (MDM20 PROTEIN).//7.90E-09//181aa//22%//Q12387
40 C-NT2RP3002142
C-NT2RP3002146
C-NT2RP3002151//G1 TO S PHASE TRANSITION PROTEIN 1 HOMOLOG (GTP-BINDING PROTEIN GST1-HS).//2.8E-253//474aa//93%//P15170
C-NT2RP3002165//TRANSCRIPTIONAL REGULATOR PROTEIN HCNGP7//1.9E-151//223aa//91%//Q02614
45 C-NT2RP3002166
C-NT2RP3002181
C-NT2RP3002244
C-NT2RP3002248
C-NT2RP3002273//SCD6 PROTEIN.//1.30E-09//295aa//28%//P45978
50 C-NT2RP3002276
C-NT2RP3002304
C-NT2RP3002501//THREONINE DEHYDRATASE CATABOLIC (EC 4.2.1.16) (THREONINE DEAMINASE).//3.70E-43//318aa//37%//P05792
C-NT2RP3002529//Homo sapiens mRNA for leucocyte vacuolar protein sorting.//0//2276bp//99%//AJ133421
55 C-NT2RP3002566
C-NT2RP3002587
C-NT2RP3002590
C-NT2RP3002631

- C-NT2RP3002650//"Mus musculus growth suppressor 1L (Gros1) mRNA, complete cds."//0//2109bp//87%//AF165163
- C-NT2RP3002663//"Homo sapiens putative glycolipid transfer protein mRNA, complete cds."//8.10E-263//1243bp//97%//AF103731
- 5 C-NT2RP3002671//ELONGATION FACTOR 2 (EF-2).//2.50E-73//179aa//36%//P13060
- C-NT2RP3002763
- C-NT2RP3002861
- C-NT2RP3002911
- C-NT2RP3002948//RING CANAL PROTEIN (KELCH PROTEIN).//2E-111//551aa//42%//Q04652
- 10 C-NT2RP3002953//"Homo sapiens protocadherin beta 5 (PCDH-beta5) mRNA, complete cds."//0//2388bp//99%//AF152498
- C-NT2RP3002988//"Homo sapiens Ikb kinase-b (IKK-beta) mRNA, complete cds."//1.8E-292//1325bp//99%//AF080158
- C-NT2RP3003008
- 15 C-NT2RP3003101//"Mouse mRNA for tetracycline transporter-like protein, complete cds."//3.6E-83//807bp//72%//D88315
- C-NT2RP3003204
- C-NT2RP3003278
- C-NT2RP3003282//"Homo sapiens dynamin (DNM) mRNA, complete cds."//0//2596bp//98%//L36983
- 20 C-NT2RP3003290//"Mus musculus mRNA for Ndr1 related protein Ndr3, complete cds."//1.5e-310//1468bp//82%//AB033922
- C-NT2RP3003302
- C-NT2RP3003313//"Homo sapiens thyroid hormone receptor-associated protein complex component TRAP80 mRNA, complete cds."//0//2476bp//99%//AF117657
- 25 C-NT2RP3003327//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A)) (R052).//1.3E-35//178aa//44%//Q62191
- C-NT2RP3003344
- C-NT2RP3003353//HYPOTHETICAL 26.2 KD PROTEIN IN GDI1-COX15 INTERGENIC REGION.//2.80E-07//161aa//28%//P40084
- 30 C-NT2RP3003377
- C-NT2RP3003385//"Mus musculus SKD3 mRNA, complete cds."//0//2133bp//85%//U09874
- C-NT2RP3003433
- C-NT2RP3003490//"Homo sapiens mRNA for KIAA0725 protein, partial cds."//0//2437bp//99%//AB018268
- 35 C-NT2RP3003491//"Drosophila melanogaster Pelle associated protein Pellino (Pli) mRNA, complete cds."//5.6E-36//842bp//62%//AF091624
- C-NT2RP3004206//CROOKED NECK PROTEIN.//1.4E-220//567aa//67%//P17886
- C-NT2RP3004207//Homo sapiens mRNA for type I transmembrane receptor (psk-1 gene).//0//2445bp//100%//AJ245820
- 40 C-NT2RP3004209//"Homo sapiens ubiquitin processing protease (Ubp-M) mRNA, complete cds."//0//2320bp//99%//AF126736
- C-NT2RP3004242//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/RAC GEF) (FA-CIOGENITAL DYSPLASIA PROTEIN HOMOLOG).//4.7E-13//118aa//33%//P52734
- C-NT2RP3004246
- 45 C-NT2RP3004258//"Homo sapiens ZIS1 mRNA, complete cds."//0//1861bp//99%//AF065391
- C-NT2RP3004262//"Homo sapiens heat shock protein hsp40-3 mRNA, complete cds."//2.4E-248//1126bp//100%//AF088982
- C-NT2RP3004341
- C-NT2RP3004378
- 50 C-NT2RP3004424//Homo sapiens mRNA for stromal antigen 3 (STAG3 gene).//1E-66//364bp//93%//AJ007798
- C-NT2RP3004428
- C-NT2RP3004451
- C-NT2RP3004454//"Homo sapiens mRNA for KIAA0448 protein, complete cds."//0//2875bp//99%//AB007917
- 55 C-NT2RP3004472//GERM CELL-LESS PROTEIN.//1.6E-61//170aa//40%//Q01820
- C-NT2RP3004498//"Mus musculus ROSA 26 transcription AS ROSA26AS mRNA, complete cds."//2E-249//1777bp//80%//U83176
- C-NT2RP3004504//M.musculus mRNA for CPEB protein.//1.9E-295//893bp//92%//Y08260

C-NT2RP3004507//MOB1 PROTEIN (MPS1 BINDER 1).//3.7E-37//190aa//39%//P40484
 C-NT2RP3004534//"Mouse oncogene (ect2) mRNA, complete cds."//0//2075bp//87%//L11316
 C-NT2RP4000528//NPL4 PROTEIN.//9.8E-86//515aa//37%//P33755
 5 C-NT2RP4000907//"Mouse NLRR-1 mRNA for leucine-rich-repeat protein, complete cds."//0//
 2127bp//86%//D45913
 C-NT2RP4001029//"Mus domesticus nuclear binding factor NF2d9 mRNA, complete cds."//0//1711bp//
 90%//U20086
 C-NT2RP4001336//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT-LIKE PROTEIN.//0.000016//
 186aa//29%//024076
 10 C-NT2RP4001389//KES1 PROTEIN.//1.70E-31//342aa//34%//P35844
 C-NT2RP4001442
 C-NT2RP4001529//"Mus domesticus nuclear binding factor NF2d9 mRNA, complete cds."//1.70E-255//
 1148bp//90%//U20086
 C-NT2RP4001656//VACUOLAR BIOGENESIS PROTEIN END1 (PEP5 PROTEIN).//1.10E-45//310aa//27%//
 15 P12868
 C-OVARC1000106//"TROPOMYOSIN 1, FUSION PROTEIN 33."//0.000032//165aa//27%//P49455
 C-OVARC1000198
 C-OVARC1000682//"PROCESSING ALPHA-1,2-MANNOSIDASE (EC 3.2.1.-) (ALPHA-1,2-MANNOSI-
 DASE 1B)."//1.1E-209//293aa//95%//P39098
 20 C-OVARC1000703
 C-OVARC1000722//"Homo sapiens chromosome 1q21-1q23 beta-1,4-galactosyltransferase mRNA, com-
 plete cds."//0//759bp//98%//AF038661
 C-OVARC1000730
 C-OVARC1000746//MATERNAL EFFECT PROTEIN STAUFEN.//0.000000017//78aa//48%//P25159
 25 C-OVARC1000781
 C-OVARC1000787
 C-OVARC10008347//Homo sapiens mRNA for atopy related autoantigen CALCJ/2.8E-258//1183bp//99%//Y17711
 C-OVARC1000846//NUCLEOLIN (PROTEIN C23).//0.0000097//109aa//30%//P08199
 C-OVARC1000850//"Homo sapiens PB39 mRNA, complete cds."//0//2095bp//99%//AF045584
 30 C-OVARC1000862//M.musculus mRNA for FT1.//5.9E-226//1498bp//81%//Z67963
 C-OVARC1000876//MOB1 PROTEIN (MPS1 BINDER 1).//2.2E-50//206aa//52%//P40484
 C-OVA-RC1000883
 C-OVARC1000886
 C-OVARC1000912
 35 C-OVARC1000915//"Homo sapiens histone deacetylase 5 mRNA, complete cds."//1.60E-121//591bp//
 97%//AF132608
 C-OVARC1000924
 C-OVARC1000964
 C-OVARC1000984
 40 C-OVARC1001004
 C-OVARC1001010
 C-OVARC1001011
 C-OVARC1001032
 C-OVARC1001044
 45 C-OVARC1001055//PRE-B CELL ENHANCING FACTOR PRECURSOR.//1.9E-35//76aa//98%//P43490
 C-OVARC1001068//"Homo sapiens Era GTPase A protein (HERA-A) mRNA, partial cds."//0//1819bp//
 99%//AF082657
 C-OVARC1001074
 C-OVARC1001092//"Homo sapiens mRNA for JM5 protein, complete CDS (clone IMAGE 53337,
 50 LLNLc110F185707 (RZPD Berlin) and LLNLc110G0913Q7 (RZPD Berlin))."//2E-214//769bp//97%//
 AJ005897
 C-OVARC1001107//"Homo sapiens protein methyltransferase (JBP1) mRNA, complete cds."//6.1E-
 276//594bp//98%//AF167572
 C-OVARC1001154//"Homo sapiens clone 24720 epithelin 1 and 2 mRNA, complete cds."//2.3E-296//
 55 1561bp//93%//AF055008
 C-OVARC1001161
 C-OVARC1001167
 C-OVARC1001170

C-OVARC1001171//"Homo sapiens translation initiation factor 3 47 kDa subunit mRNA, complete cds."
 //5.7E-151//436bp//92%//U94855
 C-OVARC1001173
 C-OVARC1001176
 5 C-OVARC1001180//UBIQUITIN-LIKE PROTEIN DSK2.//1.1E-11//221aa//25%//P48510
 C-OVARC1001188
 C-OVARC1001232//"CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT
 (CPSF 100 KD SUBUNIT)."//5.10E-22//83aa//37%//Q10568
 C-OVARC1001270
 10 C-OVARC1001271//NUCLEOLAR TRANSCRIPTION FACTOR 1 (UPSTREAM BINDING FACTOR 1) (UBF-1).//
 0.0000014//224aa//26%//P25976
 C-OVARC1001306//N-MYC PROTO-ONCOGENE PROTEIN.//0.00000073//247aa//27%//P18444
 C-OVARC1001344
 C-OVARC1001369
 15 C-OVARC1001372//"Homo sapiens mRNA for KIAA0897 protein, partial cds."//0//840bp//97%//
 AB020704
 C-OVARC1001391
 C-OVARC1001399
 C-OVARC1001417//"Homo sapiens thyroid hormone receptor-associated protein complex component
 20 TRAP170 mRNA, complete cds."//0//1715bp//99%//AF135802
 C-OVARC1001419//"Homo sapiens GOK (STIM1) mRNA, complete cds."//4.9E-48//586bp//69%//
 U52426
 C-OVARC1001436//ENL PROTEIN.//0.00000009//81aa//39%//Q03111
 C-OVARC1001453
 25 C-OVARC1001476//"Mus musculus YGR163w mRNA homologue, complete cds."//1.80E-187//
 510bp//89%//AB017616
 C-OVARC1001480
 C-OVARC1001489
 C-OVARC1001506//POLYCYSTIN PRECURSOR (AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE
 30 PROTEIN 1).//0//777aa//91%//P98161
 C-OVARC1001525
 C-OVARC1001555//NGG1-INTERACTING FACTOR 3.//4.4E-19//130aa//40%//P53081
 C-OVARC1001577//Homo sapiens SRp46 splicing factor transcribed retropseudogene.//0//1167bp//100%//
 AF031165
 35 C-OVARC1001600
 C-OVARC1001610//"Homo sapiens choline/ethanolaminephosphotransferase (CEPT1) mRNA, complete
 cds."//0//1870bp//99%//AF068302
 C-OVARC1001702
 C-OVARC1001703//"Mus musculus ARL-6 interacting protein-2 (Aip-2) mRNA, complete cds."//3.5E-
 40 16//399bp//61%//AF133670
 C-OVARC1001711//CORNIFIN B (SMALL PROLINE-RICH PROTEIN 1B) (SPR1B) (SPR1 B).//2.80E-10//106aa//
 38%//Q62267
 C-OVARC1001713//ENDOZEPINE-RELATED PROTEIN PRECURSOR (MEMBRANE-ASSOCIATED DI-
 AZEPAM BINDING INHIBITOR) (MA-DBI).//4.4E-40//195aa//41%//P07106
 45 C-OVARC1001726//APICAL-LIKE PROTEIN (APXL PROTEIN).//4.3E-16//116aa//43%//Q13796
 C-OVARC1001731//"TROPOMYOSIN ALPHA CHAIN, FIBROBLAST ISOFORM F2."//4E-122//
 282aa//85%//P08942
 C-OVARC1001745
 C-OVARC1001762//"N-TERMINAL ACETYLTRANSFERASE 1 (EC 2.3.1.88) (AMINO-TERMINAL, ALPHA-
 50 AMINO, ACETYLTRANSFERASE 1)."//6.4E-85//514aa//34%//P12945
 C-OVARC1001766//"Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete
 cds."//0//963bp//99%//U97670
 C-OVARC1001767//"Homo sapiens mRNA for KIAA0675 protein, complete cds."//0//2083bp//99%//
 AB014575
 55 C-OVARC1001768
 C-OVARC1001791
 C-OVARC1001795
 C-OVARC1001802

C-OVARC1001809//"Mus musculus sphingosine kinase (SPHK1a) mRNA, partial cds."//2.7E-190//
 1624bp//76%//AF068748
 C-OVARC1001828
 C-OVARC1001846
 5 C-OVARC1001861
 C-OVARC1001879
 C-OVARC1001880
 C-OVARC1001883
 C-OVARC1001916
 10 C-OVARC1001928
 C-OVARC1001942//"N-TERMINAL ACETYLTRANSFERASE 1 (EC 2.3.1.88) (AMINO-TERMINAL, ALPHA-
 AMINO, ACETYLTRANSFERASE 1)."//3.1E-81//497aa//35%//P12945
 C-OVARC1001943//"Mus musculus DEBT-91 mRNA, complete cds."//0//2035bp//87%//AF143859
 C-OVARC1001950
 15 C-OVARC1001987//"Rattus norvegicus DNA-binding protein PREB (Preb) mRNA, complete cds."//
 2.3E-220//652bp//84%//AF061817
 C-OVARC1002050//"Homo sapiens mRNA for actin binding protein ABP620, complete cds."//0//
 1019bp//99%//AB029290
 C-OVARC1002082
 20 C-OVARC1002107
 C-OVARC1002127//SODIUM-INDEPENDENT ORGANIC ANION TRANSPORTER 2 (BRAIN DIGOXIN CARRI-
 ER PROTEIN) (BRAIN-SPECIFIC ORGANIC ANION TRANSPORTER) (OATP-B1).//5.4E-52//306aa//35%//
 035913
 C-OVARC1002138//SAP1 PROTEIN.//7.6E-60//128aa//59%//P39955
 25 C-OVARC1002156
 C-OVARC1002158
 C-PLACE1000004//"Homo sapiens IDN3-B mRNA, complete cds."//0//2365bp//99%//AB019602
 C-PLACE1000040//TRANSFORMING PROTEIN P21/K-RAS 2B.//1.4E-17//185aa//32%//P08643
 C-PLACE1000048
 30 C-PLACE1000050
 C-PLACE1000061//Human ribosomal protein L37a mRNA sequence.//7.9E-54//190bp//94%//L22154
 C-PLACE1000081//"Human SEC7 homolog Tic (TIC) mRNA, complete cds."//0//2077bp//99%//
 U63127
 C-PLACE1000094
 35 C-PLACE1000133//TRANSCRIPTION FACTOR BTF3 (RNA POLYMERASE B TRANSCRIPTION FACTOR 3).//
 1.8E-62//158aa//81%//P20290
 C-PLACE1000214
 C-PLACE1000236
 C-PLACE1000246
 40 C-PLACE1000292
 C-PLACE1000308
 C-PLACE1000332
 C-PLACE1000453
 C-PLACE1000583//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//1.60E-47//207aa//46%//
 45 P51522
 C-PLACE1000599
 C-PLACE1000610//MSN5 PROTEIN.//0.0000026//136aa//26%//P52918
 C-PLACE1000653//"Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds."//
 0//1992bp//99%//AF180371
 50 C-PLACE1000656//"Homo sapiens mRNA for JM4 protein, complete CDS (clone IMAGE 546750 and
 LLNLc110F1857Q7 (RZPD Berlin))."//2.1E-277//1260bp//99%//AJ005896
 C-PLACE1000706//"Homo sapiens transcriptional intermediary factor 1 gamma mRNA, complete cds."//
 0//1366bp//99%//AF119043
 C-PLACE1000712
 55 C-PLACE1000749
 C-PLACE1000769//"Homo sapiens CGI-18 protein mRNA, complete cds."//0//1985bp//98%//
 AF132952
 C-PLACE1000786//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/RAC GEF) (FA-

CIOGENITAL DYSPLASIA PROTEIN HOMOLOG).//7.10E-09//59aa//47%/P52734
 C-PLACE1000849
 C-PLACE1000856//"Homo sapiens mRNA for KIAA0974 protein, partial cds."//0//1310bp//100%/AB023191
 5 C-PLACE1000931
 C-PLACE1000987//"Homo sapiens mRNA for KIAA0724 protein, complete cds."//0//1749bp//99%/AB018267
 C-PLACE1001010
 C-PLACE1001015
 10 C-PLACE1001024
 C-PLACE1001062//"Homo sapiens PAC clone DJ1049N15 from 7q31.2-7q32, complete sequence."//2.7E-32//470bp//71%/AC006020
 C-PLACE1001104
 C-PLACE1001168
 15 C-PLACE1001171//MYOTUBULARIN.//7.1E-84//198aa//73%/Q13496
 C-PLACE1001185//"Homo sapiens mRNA for KIAA0943 protein, partial cds."//0//1668bp//99%/AB023160
 C-PLACE1001238//"Mouse mRNA for RNA polymerase I associated factor (PAF53), complete cds."//2E-202//1333bp//80%/D14336
 20 C-PLACE1001280
 C-PLACE1001294//M.musculus GEG-154 mRNA.//4.3E-221//1057bp//78%/X71642
 C-PLACE1001304//"Homo sapiens zinc finger protein dp mRNA, complete cds."//0//2421bp//99%/AF153201
 C-PLACE1001311
 25 C-PLACE1001323
 C-PLACE1001351
 C-PLACE1001414
 C-PLACE1001440
 C-PLACE1001456
 30 C-PLACE1001517//"Homo sapiens gene for glycosylphosphatidylinositol anchor attachment 1 (GPAA1), complete cds."//4.60E-112//392bp//87%/AB002137
 C-PLACE1001602//CCR4-ASSOCIATED FACTOR 1 (CAF1).//5.7E-130//244aa//99%/Q60809
 C-PLACE1001632//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.4E-118//429aa//48%/P51523
 35 C-PLACE1001634
 C-PLACE1001640
 C-PLACE1001672//PROBABLE AMINOTRANSFERASE T01B11.2 (EC 2.6.1.-).//4.3E-66//174aa//45%/P91408
 C-PLACE1001705
 C-PLACE1001716
 40 C-PLACE1001720
 C-PLACE1001745
 C-PLACE1001748//"Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds."//0//2602bp//99%/AF061243
 C-PLACE1001771//Homo sapiens mRNA for transient receptor potential protein
 45 TRP6.//0//2900bp//99%/AJ006276
 C-PLACE1001799
 C-PLACE1001845//"Mus musculus cyclin ania-6a mRNA, complete cds."//3.30E-31//925bp//62%/AF159159
 C-PLACE1001897
 50 C-PLACE1002090//SIGNAL RECOGNITION PARTICLE 72 KD PROTEIN (SRP72).//6.5E-58//112aa//100%/076094
 C-PLACE1002157
 C-PLACE1002171//TRANSCRIPTION REGULATORY PROTEIN SWI3 (SWI/SNF COMPLEX COMPONENT SWI3) (TRANSCRIPTION FACTOR TYE2).//0.00005//179aa//23%/P32591
 55 C-PLACE1002227
 C-PLACE1002259
 C-PLACE1002319
 C-PLACE1002395//"Mus musculus mRNA for UBE-1c1, UBE-1c2, UBE-1c3, complete cds."//7.9E-

100//966bp//75%//AB030505
 C-PLACE1002477
 C-PLACE1002493//"Homo sapiens signal transducing adaptor molecule 2A (STAM2) mRNA, complete cds.
 "//1.7E-113//545bp//98%//AF042273
 5 C-PLACE1002500
 C-PLACE1002514
 C-PLACE1002532//HOMEODOMAIN PROTEIN DLX-5.//1.2E-152//289aa//96%//P70396
 C-PLACE1002537
 C-PLACE1002571//ACTIN-LIKE PROTEIN 13E.//5E-99//386aa//48%//P45890
 10 C-PLACE1002583//"GLUTAMATE RECEPTOR, IONOTROPIC KAINATE 2 PRECURSOR (GLUTAMATE
 RECEPTOR 6) (GLUR-6) (GLUTAMATE RECEPTOR BETA-2) (GLUR BETA-2) (FRAGMENT)."//5.6E-34//
 76aa//98%//P39087
 C-PLACE1002598//OLIGORIBONUCLEASE (EC 3.1.-.-).//5.5E-17//76aa//56%//P45340
 C-PLACE1002625
 15 C-PLACE1002655//ADSEVERIN (SCINDERIN)(SC).//2.5E-278//543aa//92%//Q28046
 C-PLACE1002768
 C-PLACE1002782//"Rattus norvegicus zinc transporter (ZnT-2) mRNA, complete cds."//3.8E-43//
 385bp//77%//U50927
 C-PLACE1002816//HISTONE DEACETYLASE HDA1.//2.20E-48//217aa//46%//P53973
 20 C-PLACE1002853
 C-PLACE1002908//"Homo sapiens XGalT-1 mRNA for galactosyltransferase I, complete cds."//0//
 1654bp//99%//AB028600
 C-PLACE1002962
 C-PLACE1002968
 25 C-PLACE1002991//PUTATIVE AMIDASE (EC 3.5.1.4).//1.4E-78//496aa//37%//Q49091
 C-PLACE1003025
 C-PLACE1003027//"Homo sapiens mRNA for KIAA0516 protein, partial cds."//2.1E-314//1417bp//
 100%//AB011088
 C-PLACE1003044//"Homo sapiens mRNA for KIAA0829 protein, partial cds."//0//1382bp//96%//
 30 AB020636
 C-PLACE1003176
 C-PLACE1003238//PROBABLE G PROTEIN-COUPLED RECEPTOR KIAA0001.//4.9E-76//309aa//47%//
 Q15391
 C-PLACE1003256
 35 C-PLACE1003258//EARLY EMBRYOGENESIS ZYG-11 PROTEIN.//7.9E-22//70aa//47%//P21541
 C-PLACE1003343
 C-PLACE1003361
 C-PLACE1003366//"Homo sapiens otoferlin (OTOF) mRNA, complete cds."//1.4E-78//542bp//67%//
 AF107403
 40 C-PLACE1003373
 C-PLACE1003375
 C-PLACE1003394//"Sprague-Dawley (clone LRB13) RAB14 mRNA, complete cds."//2.30E-150//
 774bp//94%//M83680
 C-PLACE1003420//PUTATIVE MITOCHONDRIAL CARRIER YIL006W.//1.3E-40//278aa//36%//P40556
 45 C-PLACE1003454
 C-PLACE1003478
 C-PLACE1003516
 C-PLACE1003519//H.sapiens hnRNP-E2 mRNA.//5.1E-218//905bp//99%//X78136
 C-PLACE1003521//HYPOTHETICAL HELICASE C28H8.3 IN CHROMOSOME III.//0.0000011//101aa//32%//
 50 Q09475
 C-PLACE1003528
 C-PLACE1003537//ENDOSOMAL P24A PROTEIN PRECURSOR (70 KD ENDOMEMBRANE PROTEIN) (PHE-
 ROMONE ALPHA-FACTOR TRANSPORTER) (ACIDIC 24 KD LATE ENDOCYTIC INTERMEDIATE COMPO-
 NENT).//7.7E-68//404aa//33%//P32802
 55 C-PLACE1003566
 C-PLACE1003584
 C-PLACE1003593
 C-PLACE1003605//HAP5 TRANSCRIPTIONAL

ACTIVATOR.//0.00000023//82aa//35%//Q02516
 C-PLACE1003618
 C-PLACE1003638
 C-PLACE1003738//ZINC FINGER PROTEIN 135.//9.6E-118//350aa//46%//P52742
 5 C-PLACE1003760//"Homo sapiens tetraspanin TM4-A mRNA, complete cds."//5.2E-289//1313bp//
 97%//AF133423
 C-PLACE1003768
 C-PLACE1003795
 C-PLACE1003886
 10 C-PLACE1003888//"Homo sapiens mRNA for KIAA1092 protein, partial cds."//0//2057bp//99%//
 AB029015
 C-PLACE1003903//CTP SYNTHASE (EC 6.3.4.2) (UTP--AMMONIA LIGASE) (CTP SYNTHETASE).//1.4E-243//
 584aa//74%//P17812
 C-PLACE1003915//"PROBABLE ARGINYL-TRNA SYNTHETASE, CYTOPLASMIC (EC 6.1.1.19) (AR-
 15 GININE- -TRNA LIGASE) (ARGRS)."//2.4E-108//581aa//40%//Q05506
 C-PLACE1004118
 C-PLACE1004256//"Mus musculus short coiled coil protein SCOCO (Scoc) mRNA, complete cds."//
 2E-93//960bp//76%//AF115778
 C-PLACE1004274
 20 C-PLACE1004284
 C-PLACE1005331
 C-PLACE1005739//Homo sapiens mRNA; cDNA DKFZp564A032 (from clone DKFZp564A032).//0//2190bp//
 99%//AL050267
 C-PLACE1005828
 25 C-PLACE1005876//"CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT
 (CPSF 100 KD SUBUNIT)."//0//730aa//99%//Q10568
 C-PLACE1005890//BEM46 PROTEIN (FRAGMENT).//9.9E-42//224aa//43%//P54069
 C-PLACE1006157//E-SELECTIN PRECURSOR (ENDOTHELIAL LEUKOCYTE ADHESION MOLECULE 1)
 (ELAM-1) (LEUKOCYTE-ENDOTHELIAL CELL ADHESION MOLECULE 2) (LECAM2) (CD62E).//2E-28//236aa//
 30 30%//P98110
 C-PLACE1007053
 C-PLACE1007068
 C-PLACE1008368//RING CANAL PROTEIN (KELCH PROTEIN).//5.3E-26//309aa//30%//Q04652
 C-PLACE1009921
 35 C-PLACE1010401
 C-PLACE1010856
 C-PLACE1010857
 C-PLACE1010917
 C-PLACE1010925
 40 C-PLACE1010926//"Homo sapiens mRNA for KIAA0554 protein, partial cds."//0//1160bp//100%//
 AB011126
 C-PLACE1010942//"Homo sapiens intersectin long isoform (ITSN) mRNA, complete cds."//0//1440bp//
 99%//AF114487
 C-PLACE1010944
 45 C-PLACE1010954
 C-PLACE1010960//ACTIN-LIKE PROTEIN 13E.//5.3E-98//297aa//48%//P45890
 C-PLACE1011026
 C-PLACE1011046//"1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE BETA 1
 (EC 3.1.4.11) (PLC-BETA-1) (PHOSPHOLIPASE C-BETA-1) (PLC-I) (PLC-154)."//0//646aa//97%//P10894
 50 C-PLACE1011054
 C-PLACE1011057
 C-PLACE1011109//"ELONGATION FACTOR G, MITOCHONDRIAL PRECURSOR (MEF-G)."//1.50E-
 22//63aa//88%//Q07803
 C-PLACE1011114//PROBABLE ATP-DEPENDENT RNA HELICASE HAS1.//2.9E-71//190aa//44%//Q03532
 55 C-PLACE1011133
 C-PLACE1011143
 C-PLACE1011165
 C-PLACE1011185//INSERTION ELEMENT IS1 PROTEIN INSB.//1.3E-89//167aa//100%//P03830

EP 1 074 617 A2

C-PLACE1011219//PROBABLEOXIDOREDUCTASE (EC 1.-.-.-).//3.2E-12//212aa//29%//Q03326
C-PLACE1011221
C-PLACE1011263//Homo sapiens mRNA; cDNA DKFZp5640043 (from clone DKFZp564O043).//0//2487bp//
99%//AL050390
5 C-PLACE1011325
C-PLACE1011332//"Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds."//
7.2E-151//697bp//99%//AF102265
C-PLACE1011340//"Homo sapiens IDN3-B mRNA, complete cds."//1.20E-74//380bp//97%//
AB019602
10 C-PLACE1011399//"Homo sapiens CGI-72 protein mRNA, complete cds."//3.2E-90//427bp//99%//
AF151830
C-PLACE1011433//"Homo sapiens mRNA for KIAA0530 protein, partial cds."//0//1946bp//99%//
AB011102
C-PLACE1011452
15 C-PLACE1011465
C-PLACE1011472//"Homo sapiens mRNA for KIAA0712 protein, complete cds."//0//2022bp//99%//
AB018255
C-PLACE1011477//"Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds."//0//2040bp//99%//
AF065482
20 C-PLACE1011492//NON-GREEN PLASTID TRIOSE PHOSPHATE TRANSLOCATOR PRECURSOR (CTPT).//
4.90E-11//147aa//32%//P52178
C-PLACE1011520
C-PLACE1011563
C-PLACE1011567
25 C-PLACE1011576//"Human Kruppel related zinc finger protein (HTF10) mRNA, complete cds."//0//
1791bp//82%//L11672
C-PLACE1011586
C-PLACE1011643
C-PLACE1011649
30 C-PLACE1011664//CROOKED NECK PROTEIN.//1.6E-187//505aa//64%//P17886
C-PLACE1011682
C-PLACE1011719
C-PLACE1011729
C-PLACE1011858//Homo sapiens mRNA; cDNA DKFZp586C021 (from clone DKFZp586C021).//0//1490bp//
35 99%//AL050287
C-PLACE1011874
C-PLACE1011875//"Homo sapiens mRNA for KIAA0580 protein, partial cds."//4.1E-112//524bp//
100%//AB011152
C-PLACE1011923//"Homo sapiens serum-inducible kinase mRNA, complete cds."//0//2782bp//99%//
40 AF059617
C-PLACE1011982
C-PLACE2000014//HYPOTHETICAL HELICASE C28H8.3 IN CHROMOSOME III.//2.6E-42//104aa//49%//
Q09475
C-PLACE2000015//EPIDERMAL GROWTH FACTOR RECEPTOR SUBSTRATE SUBSTRATE 15 (PROTEIN
45 EPS15) (AF-1P PROTEIN).//1.1E-116//364aa//45%//P42566
C-PLACE2000017
C-PLACE2000021//"Homo sapiens TRF1-interacting ankyrin-related ADP-ribose polymerase mRNA, com-
plete cds."//2.7E-107//981bp//74%//AF082556
C-PLACE2000047
50 C-PLACE2000062//"Homo sapiens mRNA for type II membrane protein similar to HIV gp120-binding C-type
lectin, complete cds, clone:HP01347."//6.3E-166//656bp//94%//AB015629
C-PLACE2000100
C-PLACE2000111
C-PLACE2000172
55 C-PLACE2000187
C-PLACE2000216//"Dog nonerythroid beta-spectrin mRNA, 3' end."//3.2E-253//1799bp//83%//L02897
C-PLACE2000246//"Homo sapiens mRNA for KIAA0795 protein, partial cds."//4.60E-172//796bp//
99%//AB018338

C-PLACE2000317
 C-PLACE2000341//"Homo sapiens sodium-dependent multivitamin transporter (SMVT) mRNA, complete
 cds.";0//1554bp//99%//AF069307
 C-PLACE2000366
 5 C-PLACE2000373//F-SPONDIN PRECURSOR.//8.6E-16//371aa//28%//P35446
 C-PLACE2000394
 C-PLACE2000398//LAR PROTEIN PRECURSOR (LEUKOCYTE ANTIGEN RELATED) (EC 3.1.3.48).//6.3E-37//
 90aa//98%//P10586
 C-PLACE2000411//"Homo sapiens mRNA for KIAA1037 protein, partial cds.";0//2515bp//99%//
 10 AB028960
 C-PLACE2000425
 C-PLACE2000427//PROBABLE HELICASE MOT1.//1.2E-26//200aa//27%//P32333
 C-PLACE2000433
 C-PLACE2000438//"POLYPEPTIDE N-ACETYLGALACTOSAMINYLTRANSFERASE (EC 2.4.1.41) (PRO-
 15 TEIN- UDP ACETYLGALACTOSAMINYLTRANSFERASE) (UDP-GALNAC:POLYPEPTIDE, N-ACETYLGALAC-
 TOSAMINYLTRANSFERASE)(GALNAC-T1).";2.1E-86//348aa//41%//Q10472
 C-PLACE2000458//CADHERIN-RELATED TUMOR SUPPRESSOR PRECURSOR (FAT PROTEIN).//2.5E-25//
 165aa//40%//P33450
 C-PLACE2000477//"Homo sapiens putative secreted protein (ZSIG11) mRNA, complete cds.";//6.7E-
 20 127//671bp//94%//AF072733
 C-PLACE3000009
 C-PLACE3000020//"Homo sapiens type III adenylyl cyclase (AC-III) mRNA, complete cds.";0//
 2253bp//99%//AF033861
 C-PLACE3000103
 25 C-PLACE3000142
 C-PLACE3000145//TENSIN.//1E-108//277aa//75%//Q04205
 C-PLACE3000156
 C-PLACE3000157
 C-PLACE3000197
 30 C-PLACE3000208
 C-PLACE3000226//"Homo sapiens mRNA for KIAA0962 protein, partial cds.";0//4805bp//99%//
 AB023179
 C-PLACE3000242//"Homo sapiens mRNA for KIAA1114 protein, complete cds.";0//2786bp//96%//
 AB029037
 35 C-PLACE3000363
 C-PLACE3000405
 C-PLACE3000416//"Homo sapiens mRNA for actin binding protein ABP620, complete cds.";//1.80E-
 141//565bp//98%//AB029290
 C-PLACE3000477
 40 C-PLACE4000106//"Homo sapiens mRNA for KIAA0462 protein, partial cds.";0//6702bp//99%//
 AB007931
 C-PLACE4000323
 C-PLACE4000326//NAM7 PROTEIN (NONSENSE-MEDIATED MRNA DECAY PROTEIN 1) (UP-FRAMESHIFT
 SUPPRESSOR 1).//8.10E-24//319aa//31%//P30771
 45 C-PLACE4000369//"Homo sapiens mRNA for KIAA1025 protein, partial cds.";0//4830bp//99%//
 AB028948
 C-PLACE4000445//Homo sapiens mRNA; cDNA DKFZp434C212 (from clone DKFZp434C212).//0//2565bp//
 99%//AL080196
 C-PLACE4000558//"Homo sapiens mRNA for KIAA0729 protein, partial cds.";0//1051bp//97%//
 50 AB018272
 C-PLACE4000581//FIBROPELLIN I PRECURSOR (EPIDERMAL GROWTH FACTOR-RELATED PROTEIN 1)
 (UEGF-1).//9.3E-70//226aa//52%//P10079
 C-PLACE4000593
 C-PLACE4000612//POL POLYPROTEIN [CONTAINS: PROTEASE (EC 3.4.23.-); REVERSE TRANSCRIPTASE
 55 (EC 2.7.7.49); ENDONUCLEASE].//7.1E-154//340aa//40%//P21414
 C-PLACE4000670
 C-THYRO1000026
 C-THYRO1000085//"PAIRED BOX PROTEIN PAX-8, ISOFORMS 8A/8B.";2E-72//155aa//92%//

Q06710
 C-THYRO1000107
 C-THYRO1000111
 5 C-THYRO1000132//"Homo sapiens echinoderm microtubule-associated protein homolog HuEMAP mRNA, complete cds."//1.1E-159//824bp//95%//U97018
 C-THYRO1000156
 C-THYRO1000173//"Homo sapiens AP-mu chain family member mu1B (HSMU1B) mRNA, complete cds."//0//1713bp//99%//AF020797
 10 C-THYRO1000186
 C-THYRO1000187
 C-THYRO1000241
 C-THYRO1000279
 C-THYRO1000327//"Homo sapiens autocrine motility factor receptor (AMFR) mRNA, complete cds."//0//1567bp//99%//AF124145
 15 C-THYRO1000452
 C-THYRO1000471
 C-THYRO1000484
 C-THYRO1000502
 C-THYRO1000505
 20 C-THYRO1000585//"Homo sapiens protein associated with Myc mRNA, complete cds."//0//1901bp//99%//AF075587
 C-THYRO1000596
 C-THYRO1000662//"Homo sapiens XPV mRNA for DNA polymerase eta, complete cds."//0//2341 bp//99%//AB024313
 25 C-THYRO1000666//Mus musculus mRNA for kinesin like protein 9.//0//2001bp//86%//AJ132889
 C-THYRO1000715
 C-THYRO1000734
 C-THYRO1000748//RHO-GAP HEMATOPOIETIC PROTEIN C1 (P115) (KIAA0131).//3.30E-96//335aa//52%//P98171
 30 C-THYRO1000756//"ALPHA-N-ACETYLGALACTOSAMINIDE ALPHA-2,6-SIALYLTRANSFERASE (EC 2.4.99.-) (ST6GALNACIII) (STY)."//1.8E-55//243aa//42%//Q64686
 C-THYRO1000777
 C-THYRO1000783//"Xenopus laevis tail-specific thyroid hormone up-regulated (gene 5) mRNA, complete cds."//2.4E-157//1656bp//70%//U37373
 35 C-THYRO1000787
 C-THYRO1000793
 C-THYRO1000796
 C-THYRO1000843
 C-THYRO1000852//"Human branched chain aminotransferase precursor (BCATm) mRNA, nuclear gene encoding mitochondrial protein, complete cds."//3.3E-147//790bp//93%//U68418
 40 C-THYRO1000865
 C-THYRO1000895
 C-THYRO1000926//"Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds."//0//2387bp//99%//AF079529
 45 C-THYRO1000951//DIHYDROXYACETONE KINASE 2 (EC 2.7.1.29) (GLYCERONE KINASE).//5E-83//566aa//37%//P43550
 C-THYRO1000952
 C-THYRO1000983//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 9 (EC 6.3.2.19) (UBIQUITIN-PROTEIN LIGASE 9) (UBIQUITIN CARRIER PROTEIN 9) (UBCAT4B).//6.30E-17//143aa//39%//P35132
 50 C-THYRO1001003//UBIQUITIN-CONJUGATING ENZYME E2-21.2 KD (EC 6.3.2.19) (UBIQUITIN-PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN).//5.90E-14//84aa//41%//P52491
 C-THYRO1001031
 C-THYRO1001062
 C-THYRO1001100//ZINC FINGER X-LINKED PROTEIN ZXDA (FRAGMENT).//1.2E-67//245aa//62%//P98168
 55 C-THYRO1001133
 C-THYRO1001134//"Homo sapiens CGI-78 protein mRNA, complete cds."//0//1898bp//99%//AF151835
 C-THYRO1001173

C-THYRO1001213
 C-THYRO1001321
 C-THYRO1001322
 C-THYRO1001365
 5 C-THYRO1001401
 C-THYRO1001411
 C-THYRO1001434
 C-THYRO1001534
 C-THYRO1001541
 10 C-THYRO1001559
 C-THYRO1001570
 C-THYRO1001595
 C-THYRO1001605
 C-THYRO1001617//Homo sapiens cDNA for dihydroxyacetone phosphate acyltransferase (DAP-AT).//0//1784bp//
 15 99%//AJ002190
 C-THYRO1001656//"Homo sapiens Leman coiled-coil protein (LCCP) mRNA, complete cds."//4.1E-
 273//1947bp//82%//AF175968
 C-THYRO1001671//Homo sapiens mRNA for 2'-5' oligoadenylate synthetase 59 kDa isoform.//0//1820bp//99%//
 AJ225089
 20 C-THYRO1001673
 C-THYRO1001703//NIFR3-LIKE PROTEIN.//2.90E-32//282aa//32%//P45672
 C-THYRO1001706
 C-THYRO1001738//TUBULIN-TYROSINE LIGASE (EC 6.3.2.25) (TTL).//2.4E-20//217aa//30%//P38584
 C-THYRO1001745
 25 C-THYRO1001793
 C-THYRO1001809//MYOCYTE NUCLEAR FACTOR (MNF).//1.4E-74//158aa//89%//P42128
 C-THYRO1001895
 C-THYRO1001907
 C-VESEN1000122
 30 C-Y79AA1000037//DNA-BINDING PROTEIN BMI-1.//2.4E-30//80aa//60%//P25916
 C-Y79AA1000059//"Homo sapiens immunophilin homolog ARA9 mRNA, complete cds."//2.9E-70//
 1040bp//65%//U78521
 C-Y79AA1000065
 C-Y79AA1000131
 35 C-Y79AA1000181//"Homo sapiens CGI-01 protein mRNA, complete cds."//0//1858bp//99%//
 AF132936
 C-Y79AA1000202
 C-Y79AA1000214//"Homo sapiens histone H2A.F/Z variant (H2AV) mRNA, complete cds."//7.1E-71//
 345bp//100%//AF081192
 40 C-Y79AA1000230
 C-Y79AA1000258
 C-Y79AA1000268//"Mus musculus Nip21 mRNA, complete cds."//2.10E-50//648bp//64%//AF035207
 C-Y79AA1000313//CALPHOTIN.//0.000011//336aa//23%//Q02910
 C-Y79AA1000328//SEL-10 PROTEIN.//0.000000067//219aa//25 %//Q93794
 45 C-Y79AA1000355
 C-Y79AA1000368//REDUCED VIABILTTY UPON STARVATION PROTEIN 161.//4E-20//261 aa//27%//P25343
 C-Y79AA1000420
 C-Y79AA1000469//"Mus musculus ancient ubiquitous 46 kDa protein AUP1 precursor (Aup1) mRNA, com-
 plete cds."//8.30E-252//1207bp//85%//U41736
 50 C-Y79AA1000480
 C-Y79AA1000540
 C-Y79AA1000560//ALPHA-ADAPTIN C (CLATHRIN ASSEMBLY PROTEIN COMPLEX 2 ALPHA-C LARGE
 CHAIN) (100 KD COATED VESICLE PROTEIN C) (PLASMA MEMBRANE ADAPTOR HA2/AP2 ADAPTIN ALPHA
 C SUBUNIT).//0//652aa//98%//P17427
 55 C-Y79AA1000574//Homo sapiens clone H17 unknown mRNA.//0//1932bp//99%//AF103801
 C-Y79AA1000627//"Homo sapiens zinc finger protein (ZF5128) mRNA, complete cds."//2E-287//203
 lbp//82%//AF060503
 C-Y79AA1000705//M.musculus mRNA of enhancer-trap-locus 1.//5.80E-254//1477bp//84%//X69942

- C-Y79AA1000734//"Homo sapiens peroxisomal biogenesis factor (PEX11b) mRNA, complete cds."//0//1594bp//99%//AF093670
- C-Y79AA1000748//"Homo sapiens CGI-05 protein mRNA, complete cds."//1.9E-239//1367bp//91%//AF152097
- 5 C-Y79AA1000752//PUTATIVE HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN X (HNRNP X) (CBP).//4.9E-91//200aa//64%//Q61990
- C-Y79AA1000774
- C-Y79AA1000782//CYTOSOLIC PURINE 5'-NUCLEOTEDASE (EC 3.1.3.5).//3E-37//469aa//27%//P49902
- 10 C-Y79AA1000784//"Homo sapiens RanBP7/importin 7 mRNA, complete cds."//1.10E-236//1076bp//99%//AF098799
- C-Y79AA1000794//"Homo sapiens actin-associated protein 2E4/kaptin (2E4) mRNA, 2E4-1 allele, complete cds."//0//1610bp//99%//AF105369
- C-Y79AA1000800//"Homo sapiens putative secreted protein (ZSIG11) mRNA, complete cds."//1.6E-284//1288bp//99%//AF072733
- 15 C-Y79AA1000805
- C-Y79AA1000824
- C-Y79AA1000833//TUBULIN ALPHA-1 CHAIN.//5E-173//220aa//79%//P05209
- C-Y79AA1000850
- 20 C-Y79AA1000962//"MYOSIN HEAVY CHAIN, NON-MUSCLE (ZIPPER PROTEIN) (MYOSIN II)."//4.2E-17//430aa//27%//Q99323
- C-Y79AA1000968//"Rattus norvegicus initiation factor eIF-2B gamma subunit (eIF-2B gamma) mRNA, complete cds."//3.9E-248//1468bp//87%//U38253
- C-Y79AA1000976
- C-Y79AA1001023
- 25 C-Y79AA1001041
- C-Y79AA1001048//"ACYL-COA DEHYDROGENASE, VERY-LONG-CHAIN SPECIFIC PRECURSOR (EC 1.3.99.-) (VLCAD)."//3.1E-138//583aa//47%//P45953
- C-Y79AA1001077
- C-Y79AA1001078
- 30 C-Y79AA1001145
- C-Y79AA1001177
- C-Y79AA1001185
- C-Y79AA1001211//"Homo sapiens origin recognition complex subunit 6 (ORC6) mRNA, complete cds."//0//1435bp//99%//AF139658
- 35 C-Y79AA1001228
- C-Y79AA1001233//ESTRADIOL 17 BETA-DEHYDROGENASE 1 (EC 1.1.1.62) (17-BETA-HSD 1) (17-BETA-HYDROXYSTEROID DEHYDROGENASE 1).//7.7E-50//228aa//42%//P51657
- C-Y79AA1001236//"Homo sapiens mRNA for JM23 protein, complete coding sequence (clone IMAGE 34581 and IMAGE 45355 and LLNLc1101133Q7 (RZPD Berlin))."//0//1653bp//99%//AJ005892
- 40 C-Y79AA1001281
- C-Y79AA1001312//ZINC FINGER PROTEIN MLZ-4 (ZINC FINGER PROTEIN 46).//0.000000023//193aa//30%//Q03309
- C-Y79AA1001323//"Mus musculus mRNA for GSG1, complete cds."//3.3E-172//1171bp//83%//D87325
- 45 C-Y79AA1001391//HOMEBOX PROTEIN HOX-A13 (HOX-1J).//1.2E-58//178aa//66%//P31271
- C-Y79AA1001394//CELL DIVISION PROTEIN FTSH HOMOLOG (EC 3.4.24.-).//1.2E-13//230aa//32%//O83746
- C-Y79AA1001402//"Homo sapiens paraneoplastic cancer-testis-brain antigen (MA4) mRNA, partial cds."//8.50E-65//784bp//62%//AF083115
- C-Y79AA1001493//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 9 (EC 6.3.2.19) (UBIQUITIN-PROTEIN LIGASE 9) (UBIQUITIN CARRIER PROTEIN 9) (UBCAT4B).//3.80E-18//151aa//38%//P35132
- 50 C-Y79AA1001533//"Mouse mRNA for RNA polymerase I associated factor (PAF53), complete cds."//4.5E-193//1333bp//80%//D14336
- C-Y79AA1001541
- C-Y79AA1001548//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA (EC 2.7.1.67) (PI4-KINASE) (PTDINS-4-KINASE) (PI4K-ALPHA).//7.5E-76//85aa//90%//P42356
- 55 C-Y79AA1001555
- C-Y79AA1001581//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE-COA LIGASE) (ACYL- ACTIVATING ENZYME).//1.9E-40//482aa//27%//P27550

C-Y79AA1001585
 C-Y79AA1001603//"POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE (EC 2.4.1.41) (PRO-
 TEIN- UDP ACETYL GALACTOSAMINYLTRANSFERASE) (UDP-GALNAC:POLYPEPTIDE, N-ACETYL GALAC-
 TOSAMINYLTRANSFERASE) (GALNAC-T1)."//1.7E-84//313aa//48%//Q07537
 5 C-Y79AA1001613//ZINC FINGER PROTEIN 132.//3.8E-91//209aa//41%//P52740
 C-Y79AA1001665
 C-Y79AA1001679//"Homo sapiens lambda-crystallin mRNA, complete cds."//3.4e-310//1430bp//98%//
 AF077049
 C-Y79AA1001696//"Homo sapiens mRNA for KIAA1109 protein, partial cds."//0//1669bp//100%//
 10 AB029032
 C-Y79AA1001705//"Homo sapiens p53 regulated PA26-T2 nuclear protein (PA26) mRNA, complete cds.
 "//3.4E-47//626bp//68%//AF033120
 C-Y79AA1001711//"Human 60-kdal ribonucleoprotein (Ro) mRNA, complete cds."//1.2E-258//
 1185bp//99%//J04137
 15 C-Y79AA1001781
 C-Y79AA1001805
 C-Y79AA1001827//"Homo sapiens mammalian inositol hexakisphosphate kinase 2 (IP6K2) mRNA, com-
 plete cds."//0//1689bp//98%//AF177145
 C-Y79AA1001846
 20 C-Y79AA1001923
 C-Y79AA1001963//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE
 SPAC10F6.02C.//1E-10//94aa//47%//O42643
 C-Y79AA1002027//UBIQUITIN-CONJUGATING ENZYME E2-18 KD (EC 6.3.2.19) (UBIQUITIN- PROTEIN
 LIGASE) (UBIQUITIN CARRIER PROTEIN) (PM42).//9.9E-39//143aa//52%//P42743
 25 C-Y79AA1002083//H.sapiens mRNA for MUF1 protein.//5E-163//752bp//99%//X86018
 C-Y79AA1002089
 C-Y79AA1002115
 C-Y79AA1002125
 C-Y79AA1002204
 30 C-Y79AA1002208//ANKYRIN.//8.1E-34//188aa//38%//Q02357
 C-Y79AA1002209//"Homo sapiens CGI-04 protein mRNA, complete cds."//0//1617bp//99%//
 AF132939
 C-Y79AA1002229//DNA CROSS-LINK REPAIR PROTEIN PSO2/SNM1.//7.10E-17//213aa//31%//P30620
 C-Y79AA1002246//SYNAPTOTAGMIN V.//1.6E-28//286aa//32%//000445
 35 C-Y79AA1002298
 C-Y79AA1002307//"Homo sapiens astrotactin2 (ASTN2) mRNA, complete cds."//0//1209bp//99%//
 AF116574
 C-Y79AA1002311//R.norvegicus mRNA for cytosolic resiniferatoxin-binding protein.//2.9E-186//1130bp//82%//
 X67877
 40 C-Y79AA1002351
 C-Y79AA1002407
 C-Y79AA1002433//"Homo sapiens chromatin-specific transcription elongation factor FACT 140 kDa subunit
 mRNA, complete cds."//0//1545bp//96%//AF152961
 C-Y79AA1002472//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//1.5E-136//472aa//
 45 49%//Q05481

Homology Search Result Data 13.

50 [0333] Data obtained by the homology search for full-length nucleotide sequences and deduced amino acid sequenc-
 es. Each data includes Clone name, Definition in hit data, P value, Length of sequence to be compared, Homology,
 and Accession number (No.) of hit data. These items are shown in this order and separated by a double-slash mark, //.

C-HEMBA1000042
 C-HEMBA1000141//Homo sapiens SUMO-1-specific protease (SSP1) mRNA, complete cds.//0//1135bp//100%//
 55 AF196304
 C-HEMBA1000150//H.sapiens gene for U5 snRNP-specific 200kD protein.//2.50E-153//525bp//91%//Z70200
 C-HEMBA1000213
 C-HEMBA1000243

C-HEMBA1000244
 C-HEMBA1000251
 C-HEMBA1000338
 C-HEMBA1000357
 5 C-HEMBA1000376
 C-HEMBA1000428
 C-HEMBA1000469
 C-HEMBA1000497
 10 C-HEMBA1000561//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//3.40E-37//674aa//
 25%//Q05481
 C-HEMBA1000569//GPI-ANCHORED PROTEIN P137.//6.50E-19//265aa//32%//Q60865
 C-HEMBA1000575
 C-HEMBA1000591//PTB-ASSOCIATED SPLICING FACTOR (PSF).//2.20E-17//198aa//40%//P23246
 C-HEMBA1000673
 15 C-HEMBA1000702
 C-HEMBA1000722
 C-HEMBA1000726
 C-HEMBA1000876
 C-HEMBA1000942
 20 C-HEMBA1000943
 C-HEMBA1000960
 C-HEMBA1000985
 C-HEMBA1001019//CELL DIVISION CONTROL PROTEIN 2 HOMOLOG (EC 2.7.1.-) (P34 PROTEIN KINASE)
 (CYCLIN-DEPENDENT KINASE 1) (CDK1).//3.10E-10//70aa//58%//P06493
 25 C-HEMBA1001020
 C-HEMBA1001024
 C-HEMBA1001026
 C-HEMBA1001051
 C-HEMBA1001060
 30 C-HEMBA1001071//PROCOLLAGEN ALPHA 1(III) CHAIN PRECURSORS.//1.50E-92//82aa//100%//P02461
 C-HEMBA1001077//Homo sapiens transcriptional intermediary factor 1 gamma mRNA, complete cds.//2.00E-80//
 432bp//94%//AF119043
 C-HEMBA1001099
 C-HEMBA1001121
 35 C-HEMBA1001123
 C-HEMBA1001208
 C-HEMBA1001213
 C-HEMBA1001226
 C-HEMBA1001247
 40 C-HEMBA1001299
 C-HEMBA1001319
 C-HEMBA1001323
 C-HEMBA1001327
 C-HEMBA1001361
 45 C-HEMBA1001375
 C-HEMBA1001377
 C-HEMBA1001383
 C-HEMBA1001391
 C-HEMBA1001411
 50 C-HEMBA1001432
 C-HEMBA1001433
 C-HEMBA1001435
 C-HEMBA1001442
 C-HEMBA1001463
 55 C-HEMBA1001515
 C-HEMBA1001522
 C-HEMBA1001557
 C-HEMBA1001566

EP 1 074 617 A2

C-HEMBA1001589
 C-HEMBA1001608
 C-HEMBA1001636
 C-HEMBA1001647
 5 C-HEMBA1001651
 C-HEMBA1001658
 C-HEMBA1001675//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS9.//5.40E-09//101aa//35%//
 P54787
 C-HEMBA1001712
 10 C-HEMBA1001734//CADHERIN-11 PRECURSOR (OSTEOBLAST-CADHERIN) (OB-CADHERIN) (OSF-4).//
 1.10E-38//87aa//96%//P55288
 C-HEMBA1001745
 C-HEMBA1001750
 C-HEMBA1001784
 15 C-HEMBA1001791
 C-HEMBA1001803
 C-HEMBA1001820
 C-HEMBA1001835
 C-HEMBA1001888
 20 C-HEMBA1001912
 C-HEMBA1001915
 C-HEMBA1001918
 C-HEMBA1001940
 C-HEMBA1001942
 25 C-HEMBA1001964
 C-HEMBA1002022
 C-HEMBA1002039
 C-HEMBA1002100
 C-HEMBA1002113
 30 C-HEMBA1002119
 C-HEMBA1002139//LIM AND SH3 DOMAIN PROTEIN LASP-1 (MLN 50).//7.10E-05//51aa//49%//Q14847
 C-HEMBA1002160
 C-HEMBA1002162
 C-HEMBA1002166
 35 C-HEMBA1002185
 C-HEMBA1002204
 C-HEMBA1002328
 C-HEMBA1002337
 C-HEMBA1002348
 40 C-HEMBA1002381
 C-HEMBA1002486
 C-HEMBA1002498
 C-HEMBA1002538
 C-HEMBA1002552
 45 C-HEMBA1002555//Homo sapiens mSin3A associated polypeptide p30 mRNA, complete cds.//5.30E-51//768bp//
 68%//AF055993
 C-HEMBA1002558
 C-HEMBA1002621
 C-HEMBA1002629
 50 C-HEMBA1002645
 C-HEMBA1002659
 C-HEMBA1002661
 C-HEMBA1002666
 C-HEMBA1002678
 55 C-HEMBA1002679
 C-HEMBA1002712
 C-HEMBA1002716
 C-HEMBA1002742

EP 1 074 617 A2

C-HEMBA1002746//DNA POLYMERASE BETA (EC 2.7.7.7).//5.00E-37//268aa//34%//P06746
 C-HEMBA1002748
 C-HEMBA1002780
 C-HEMBA1002801
 5 C-HEMBA1002826
 C-HEMBA1002833
 C-HEMBA1002921
 C-HEMBA1002934
 C-HEMBA1002944
 10 C-HEMBA1002968
 C-HEMBA1003034
 C-HEMBA1003037
 C-HEMBA1003071//INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN COMPLEX ACID LABILE CHAIN
 PRECURSOR (ALS).//1.30E-09//121aa//40%//P35858
 15 C-HEMBA1003078
 C-HEMBA1003083
 C-HEMBA1003086
 C-HEMBA1003098//Homo sapiens NY-REN-6 antigen mRNA, partial cds.//6.20E-273//1253bp//99%//AF155096
 C-HEMBA1003133
 20 C-HEMBA1003142
 C-HEMBA1003166
 C-HEMBA1003197
 C-HEMBA1003202
 C-HEMBA1003220
 25 C-HEMBA1003229
 C-HEMBA1003276
 C-HEMBA1003278
 C-HEMBA1003328
 C-HEMBA1003373
 30 C-HEMBA1003597
 C-HEMBA1003598
 C-HEMBA1003656
 C-HEMBA1003680//PUTATIVE AMINOPEPTIDASE ZK353.6 IN CHROMOSOME III (EC 3.4.11.-).//2.40E-92//
 423aa//47%//P34629
 35 C-HEMBA1003733
 C-HEMBA1003742
 C-HEMBA1003760//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT INTERACTING PROTEIN)
 (MEMBER OF PAS PROTEIN 1) (MOP1) (HIF1 ALPHA).//3.70E-124//347aa//55%//Q16665
 C-HEMBA1003803
 40 C-HEMBA1003854
 C-HEMBA1003926
 C-HEMBA1003939
 C-HEMBA1003987
 C-HEMBA1004012
 45 C-HEMBA1004015
 C-HEMBA1004193
 C-HEMBA1004225
 C-HEMBA1004241
 C-HEMBA1004267
 50 C-HEMBA1004295//Homo sapiens NY-REN-25 antigen mRNA, partial cds.//9.40E-31//381bp//65%//AF155103
 C-HEMBA1004354//CHL1 PROTEIN.//9.90E-26//130aa//42%//P22516
 C-HEMBA1004356//H.sapiens MSSP-2 mRNA.//3.00E-243//573bp//98%//X77494
 C-HEMBA1004396
 C-HEMBA1004405
 55 C-HEMBA1004433
 C-HEMBA1004538
 C-HEMBA1004542
 C-HEMBA1004573

C-HEMBA1004577
C-HEMBA1004604//Homo sapiens COP9 complex subunit 7a mRNA, complete cds.//0//1612bp//99%//AF193844
C-HEMBA1004617
C-HEMBA1004631
5 C-HEMBA1004705
C-HEMBA1004733
C-HEMBA1004748
C-HEMBA1004778
C-HEMBA1004803
10 C-HEMBA1004807
C-HEMBA1004820
C-HEMBA1004865
C-HEMBA1004880
C-HEMBA1004900
15 C-HEMBA1004909
C-HEMBA1004960
C-HEMBA1004978
C-HEMBA1004980
C-HEMBA1004983
20 C-HEMBA1004995
C-HEMBA1005019//Homo sapiens mRNA for KIAA0648 protein, partial cds.//0//2212bp//99%//AB014548
C-HEMBA1005029//Homo sapiens CGI-13 protein mRNA, complete cds.//0//1487bp//99%//AF132947
C-HEMBA1005035
C-HEMBA1005039
25 C-HEMBA1005047//RAS-RELATED PROTEIN RAB-24 (RAB-16).//3.40E-101//106aa//98%//P35290
C-HEMBA1005050
C-HEMBA1005062
C-HEMBA1005066
C-HEMBA1005075
30 C-HEMBA1005079
C-HEMBA1005101//Homo sapiens SYT interacting protein SIP mRNA, complete cds.//0//2762bp//99%//
AF080561
C-HEMBA1005123
C-HEMBA1005149
35 C-HEMBA1005152
C-HEMBA1005201//Homo sapiens CGI-07 protein mRNA, complete cds.//0//1608bp//99%//AF132941
C-HEMBA1005202//SIGNAL RECOGNITION PARTICLE 68 KD PROTEIN (SRP68).//1.90E-179//361aa//95%//
Q00004
C-HEMBA1005223
40 C-HEMBA1005232
C-HEMBA1005241
C-HEMBA1005275
C-HEMBA1005293
C-HEMBA1005311
45 C-HEMBA1005338//Homo sapiens mRNA for matrilin-4, partial.//3.90E-241//1095bp//99%//AJ007581
C-HEMBA1005359//ZINC FINGER PROTEIN 137.//3.90E-85//206aa//69%//P52743
C-HEMBA1005367//Homo sapiens melastatin 1 (MLSN1) mRNA, complete cds.//9.00E-77//620bp//74%//
AF071787
C-HEMBA1005374
50 C-HEMBA1005382
C-HEMBA1005411
C-HEMBA1005426
C-HEMBA1005443
C-HEMBA1005447
55 C-HEMBA1005497
C-HEMBA1005500
C-HEMBA1005506
C-HEMBA1005508

C-HEMBA1005526
 C-HEMBA1005530//Homo sapiens anaphase-promoting complex subunit 7 (APC7) mRNA, complete cds.//0//
 1578bp//98%//AF191340
 C-HEMBA1005548//Homo sapiens MAFB/Kreisler basic region/leucine zipper transcription factor (MAFB) mRNA,
 5 complete cds.//1.00E-220//1014bp//99%//AF134157
 C-HEMBA1005552
 C-HEMBA1005568
 C-HEMBA1005588
 C-HEMBA1005593
 10 C-HEMBA1005606
 C-HEMBA1005616
 C-HEMBA1005627
 C-HEMBA1005670
 C-HEMBA1005679
 15 C-HEMBA1005699
 C-HEMBA1005705
 C-HEMBA1005732//Human mRNA for KIAA1293 gene, complete cds.//5.50E-102//317bp//98%//D14697
 C-HEMBA1005815//CALPAIN, LARGE [CATALYTIC] SUBUNIT (EC 3.4.22.17) (CALCIUM ACTIVATED NEU-
 TRAL PROTEINASE) (CANP) (MU/M-TYPE).//2.00E-36//342aa//33%//P00789
 20 C-HEMBA1005852
 C-HEMBA1005894
 C-HEMBA1005921
 C-HEMBA1006035
 C-HEMBA1006036
 25 C-HEMBA1006090
 C-HEMBA1006138
 C-HEMBA1006173
 C-HEMBA1006252
 C-HEMBA1006268//Homo sapiens HQ0024c mRNA, complete cds.//3.50E-157//845bp//92%//AF073836
 30 C-HEMBA1006347//MALES-ABSENT ON THE FIRST PROTEIN (EC 2.3.1.-).//1.60E-130//332aa//62%//002193
 C-HEMBA1006359//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6).//3.50E-105//381aa//54%//P28160
 C-HEMBA1006380
 C-HEMBA1006416
 C-HEMBA1006421
 35 C-HEMBA1006424
 C-HEMBA1006426
 C-HEMBA1006446
 C-HEMBA1006485//PUROMYCIN-SENSITIVE AMINOPEPTIDASE (EC 3.4.11.-) (PSA).//1.90E-81//153aa//
 97%//P55786
 40 C-HEMBA1006486
 C-HEMBA1006494
 C-HEMBA1006546
 C-HEMBA1006562
 C-HEMBA1006595
 45 C-HEMBA1006597
 C-HEMBA1006631
 C-HEMBA1006639
 C-HEMBA1006652//60S RIBOSOMAL PROTEIN L7.//2.40E-44//206aa//47%//P14148
 C-HEMBA1006659
 50 C-HEMBA1006665
 C-HEMBA1006676
 C-HEMBA1006695
 C-HEMBA1006709
 C-HEMBA1006758//Homo sapiens protocadherin beta 13 (PCDH-beta13) mRNA, complete cds.//0//1832bp//
 91%//AF152492
 55 C-HEMBA1006780
 C-HEMBA1006807//Homo sapiens mRNA for SPOP.//5.70E-125//1109bp//75%//AJ000644
 C-HEMBA1006824

C-HEMBA1006865
C-HEMBA1006921
C-HEMBA1006949
C-HEMBA1006976//H.sapiens mRNA for Gal-beta(1-3/1-4)GlcNAc alpha-2.3-sialyltransferase.//1.90E-80//
5 447bp//89%//X74570
C-HEMBA1007051
C-HEMBA1007052
C-HEMBA1007066
C-HEMBA1007073
10 C-HEMBA1007078
C-HEMBA1007085
C-HEMBA1007113
C-HEMBA1007121//Homo sapiens bisphosphate 3'-nucleotidase mRNA, complete cds.//1.70E-252//1118bp//
92%//AF125042
15 C-HEMBA1007129
C-HEMBA1007147
C-HEMBA1007151//Homo sapiens synphilin 1 mRNA, complete cds.//0//1900bp//99%//AF076929
C-HEMBA1007178
C-HEMBA1007203//Homo sapiens mRNA for KIAA0214 protein, complete cds.//0//1212bp//98%//D86987
20 C-HEMBA1007224//Homo sapiens SUMO-1-specific protease (SSP1) mRNA, complete cds.//0//1590bp//99%//
AF196304
C-HEMBA1007243//Chinese hamster hprt mRNA, complete cds.//2.00E-58//650bp//70%//J00060
C-HEMBA1007251
C-HEMBA1007288
25 C-HEMBA1007322
C-HEMBA1007341
C-HEMBA1007350
C-HEMBA1007354
C-HEMBA1007358
30 C-HEMBA1007362
C-HEMBA1007366
C-HEMBA1007370
C-HEMBA1007374
C-HEMBA1007378
C-HEMBA1007382
C-HEMBA1007386
C-HEMBA1007390
C-HEMBA1007394
C-HEMBA1007398
C-HEMBA1007402
C-HEMBA1007406
C-HEMBA1007410
C-HEMBA1007414
C-HEMBA1007418
C-HEMBA1007422
C-HEMBA1007426
C-HEMBA1007430
C-HEMBA1007434
C-HEMBA1007438
C-HEMBA1007442
C-HEMBA1007446
C-HEMBA1007450
C-HEMBA1007454
C-HEMBA1007458
C-HEMBA1007462
C-HEMBA1007466
C-HEMBA1007470
C-HEMBA1007474
C-HEMBA1007478
C-HEMBA1007482
C-HEMBA1007486
C-HEMBA1007490
C-HEMBA1007494
C-HEMBA1007498
C-HEMBA1007502
C-HEMBA1007506
C-HEMBA1007510
C-HEMBA1007514
C-HEMBA1007518
C-HEMBA1007522
C-HEMBA1007526
C-HEMBA1007530
C-HEMBA1007534
C-HEMBA1007538
C-HEMBA1007542
C-HEMBA1007546
C-HEMBA1007550
C-HEMBA1007554
C-HEMBA1007558
C-HEMBA1007562
C-HEMBA1007566
C-HEMBA1007570
C-HEMBA1007574
C-HEMBA1007578
C-HEMBA1007582
C-HEMBA1007586
C-HEMBA1007590
C-HEMBA1007594
C-HEMBA1007598
C-HEMBA1007602
C-HEMBA1007606
C-HEMBA1007610
C-HEMBA1007614
C-HEMBA1007618
C-HEMBA1007622
C-HEMBA1007626
C-HEMBA1007630
C-HEMBA1007634
C-HEMBA1007638
C-HEMBA1007642
C-HEMBA1007646
C-HEMBA1007650
C-HEMBA1007654
C-HEMBA1007658
C-HEMBA1007662
C-HEMBA1007666
C-HEMBA1007670
C-HEMBA1007674
C-HEMBA1007678
C-HEMBA1007682
C-HEMBA1007686
C-HEMBA1007690
C-HEMBA1007694
C-HEMBA1007698
C-HEMBA1007702
C-HEMBA1007706
C-HEMBA1007710
C-HEMBA1007714
C-HEMBA1007718
C-HEMBA1007722
C-HEMBA1007726
C-HEMBA1007730
C-HEMBA1007734
C-HEMBA1007738
C-HEMBA1007742
C-HEMBA1007746
C-HEMBA1007750
C-HEMBA1007754
C-HEMBA1007758
C-HEMBA1007762
C-HEMBA1007766
C-HEMBA1007770
C-HEMBA1007774
C-HEMBA1007778
C-HEMBA1007782
C-HEMBA1007786
C-HEMBA1007790
C-HEMBA1007794
C-HEMBA1007798
C-HEMBA1007802
C-HEMBA1007806
C-HEMBA1007810
C-HEMBA1007814
C-HEMBA1007818
C-HEMBA1007822
C-HEMBA1007826
C-HEMBA1007830
C-HEMBA1007834
C-HEMBA1007838
C-HEMBA1007842
C-HEMBA1007846
C-HEMBA1007850
C-HEMBA1007854
C-HEMBA1007858
C-HEMBA1007862
C-HEMBA1007866
C-HEMBA1007870
C-HEMBA1007874
C-HEMBA1007878
C-HEMBA1007882
C-HEMBA1007886
C-HEMBA1007890
C-HEMBA1007894
C-HEMBA1007898
C-HEMBA1007902
C-HEMBA1007906
C-HEMBA1007910
C-HEMBA1007914
C-HEMBA1007918
C-HEMBA1007922
C-HEMBA1007926
C-HEMBA1007930
C-HEMBA1007934
C-HEMBA1007938
C-HEMBA1007942
C-HEMBA1007946
C-HEMBA1007950
C-HEMBA1007954
C-HEMBA1007958
C-HEMBA1007962
C-HEMBA1007966
C-HEMBA1007970
C-HEMBA1007974
C-HEMBA1007978
C-HEMBA1007982
C-HEMBA1007986
C-HEMBA1007990
C-HEMBA1007994
C-HEMBA1007998
C-HEMBA1008002
C-HEMBA1008006
C-HEMBA1008010
C-HEMBA1008014
C-HEMBA1008018
C-HEMBA1008022
C-HEMBA1008026
C-HEMBA1008030
C-HEMBA1008034
C-HEMBA1008038
C-HEMBA1008042
C-HEMBA1008046
C-HEMBA1008050
C-HEMBA1008054
C-HEMBA1008058
C-HEMBA1008062
C-HEMBA1008066
C-HEMBA1008070
C-HEMBA1008074
C-HEMBA1008078
C-HEMBA1008082
C-HEMBA1008086
C-HEMBA1008090
C-HEMBA1008094
C-HEMBA1008098
C-HEMBA1008102
C-HEMBA1008106
C-HEMBA1008110
C-HEMBA1008114
C-HEMBA1008118
C-HEMBA1008122
C-HEMBA1008126
C-HEMBA1008130
C-HEMBA1008134
C-HEMBA1008138
C-HEMBA1008142
C-HEMBA1008146
C-HEMBA1008150
C-HEMBA1008154
C-HEMBA1008158
C-HEMBA1008162
C-HEMBA1008166
C-HEMBA1008170
C-HEMBA1008174
C-HEMBA1008178
C-HEMBA1008182
C-HEMBA1008186
C-HEMBA1008190
C-HEMBA1008194
C-HEMBA1008198
C-HEMBA1008202
C-HEMBA1008206
C-HEMBA1008210
C-HEMBA1008214
C-HEMBA1008218
C-HEMBA1008222
C-HEMBA1008226
C-HEMBA1008230
C-HEMBA1008234
C-HEMBA1008238
C-HEMBA1008242
C-HEMBA1008246
C-HEMBA1008250
C-HEMBA1008254
C-HEMBA1008258
C-HEMBA1008262
C-HEMBA1008266
C-HEMBA1008270
C-HEMBA1008274
C-HEMBA1008278
C-HEMBA1008282
C-HEMBA1008286
C-HEMBA1008290
C-HEMBA1008294
C-HEMBA1008298
C-HEMBA1008302
C-HEMBA1008306
C-HEMBA1008310
C-HEMBA1008314
C-HEMBA1008318
C-HEMBA1008322
C-HEMBA1008326
C-HEMBA1008330
C-HEMBA1008334
C-HEMBA1008338
C-HEMBA1008342
C-HEMBA1008

C-HEMBB1000893
 C-HEMBB1000913
 C-HEMBB1000996
 C-HEMBB1001004
 5 C-HEMBB1001047
 C-HEMBB1001060
 C-HEMBB1001114
 C-HEMBB1001119
 C-HEMBB1001133
 10 C-HEMBB1001142
 C-HEMBB1001177
 C-HEMBB1001208
 C-HEMBB1001209
 C-HEMBB1001249
 15 C-HEMBB1001253
 C-HEMBB1001254
 C-HEMBB1001271
 C-HEMBB1001304
 C-HEMBB1001317
 20 C-HEMBB1001348
 C-HEMBB1001394
 C-HEMBB1001410
 C-HEMBB1001424
 C-HEMBB1001426
 25 C-HEMBB1001429//Homo sapiens leucine aminopeptidase mRNA, complete cds.//0//1933bp//99%//AF061738
 C-HEMBB1001436
 C-HEMBB10014437//Rattus norvegicus pyruvate dehydrogenase phosphatase isoenzyme 1 mRNA, complete
 cds.//3.00E-130//553bp//86%//AF062740
 C-HEMBB1001449
 30 C-HEMBB1001458
 C-HEMBB1001521
 C-HEMBB1001531
 C-HEMBB1001535
 C-HEMBB1001536
 35 C-HEMBB1001564
 C-HEMBB1001565
 C-HEMBB1001585
 C-HEMBB1001588
 C-HEMBB1001603
 40 C-HEMBB1001618
 C-HEMBB1001635
 C-HEMBB1001653
 C-HEMBB1001668
 C-HEMBB1001673//Homo sapiens mRNA for KIAA0646 protein, complete cds.//0//2035bp//99%//AB014546
 45 C-HEMBB1001685
 C-HEMBB1001695
 C-HEMBB1001707
 C-HEMBB1001735
 C-HEMBB1001736//EUKARYOTIC TRANSLATION INITIATION FACTOR 3 SUBUNIT 9 (EIF3 P116) (EIF3
 50 P110).//4.60E-15//391aa//25%//P55884
 C-HEMBB1001747
 C-HEMBB1001749//TRANSCRIPTIONAL ACTIVATOR GCN5.//1.70E-16//84aa//47%//Q03330
 C-HEMBB1001753
 C-HEMBB1001756
 55 C-HEMBB1001760
 C-HEMBB1001785
 C-HEMBB1001797
 C-HEMBB1001802//Human desmin mRNA, complete cds.//0//1523bp//98%//U59167

EP 1 074 617 A2

C-HEM BB1001816
 C-HEM BB1001831//Homo sapiens PAM COOH-terminal interactor protein 1 (PCIP1) mRNA complete cds.//0//
 1514bp//99%//AF056209
 C-HEM BB1001839//GASTRULA ZINC FINGER PROTEIN XLCGF42.1 (FRAGMENT).//6.90E-11//87aa//35%//
 5 P18720
 C-HEM BB1001850
 C-HEM BB1001863
 C-HEM BB1001868
 C-HEM BB1001874
 10 C-HEM BB1001880
 C-HEM BB1001899
 C-HEM BB1001906
 C-HEM BB1001910
 C-HEM BB1001911
 15 C-HEM BB1001921
 C-HEM BB1001922
 C-HEM BB1001930
 C-HEM BB1001944
 C-HEM BB1001945
 20 C-HEM BB1001947
 C-HEM BB1001950//PROBABLE OXYGEN-INDEPENDENT COPROPORPHYRINOGEN III OXIDASE (EC 1.-.-.)
 (COPROPORPHYRINOGENASE) (COPROGEN OXIDASE).//1.60E-41//370aa//31%//P54304
 C-HEM BB1001952
 C-HEM BB1001957
 25 C-HEM BB1001962
 C-HEM BB1001983
 C-HEM BB1001990
 C-HEM BB1001996
 C-HEM BB1002002
 30 C-HEM BB1002005
 C-HEM BB1002042//CYTOCHROME P450 4C1 (EC 1.14.14.1) (CYP1VC1).//2.70E-49//139aa//55%//P29981
 C-HEM BB1002043
 C-HEM BB1002045
 C-HEM BB1002049
 35 C-HEM BB1002050
 C-HEM BB1002068
 C-HEM BB1002092
 C-HEM BB1002139
 C-HEM BB1002142
 40 C-HEM BB1002190
 C-HEM BB1002193
 C-HEM BB1002217//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//2.10E-132//399aa//
 44%//Q05481
 C-HEM BB1002218
 45 C-HEM BB1002232
 C-HEM BB1002247
 C-HEM BB1002249
 C-HEM BB1002266//NEURONAL PROTEIN.//2.10E-46//121aa//76%//P41737
 C-HEM BB1002327
 50 C-HEM BB1002329
 C-HEM BB1002342//Homo sapiens mRNA for putative thioredoxin-like protein.//1.10E-274//1249bp//99%//
 AJ010841
 C-HEM BB1002358
 C-HEM BB1002371
 55 C-HEM BB1002387
 C-HEM BB1002409
 C-HEM BB1002425
 C-HEM BB1002442//LIN-10 PROTEIN.//9.70E-14//121aa//31%//P34692

C-HEMBB1002453
C-HEMBB1002458
C-HEMBB1002477//Human Grb2-associated binder-1 mRNA, complete cds.//7.70E-258//774bp//99%//U43885
C-HEMBB1002489
5 C-HEMBB1002510//GYP7 PROTEIN.//3.10E-50//192aa//42%//P48365
C-HEMBB1002520
C-HEMBB1002522
C-HEMBB1002545
C-HEMBB1002579
10 C-HEMBB1002582
C-HEMBB1002596
C-HEMBB1002603
C-HEMBB1002610
C-HEMBB1002613
15 C-HEMBB1002617
C-HEMBB1002623
C-HEMBB1002635
C-HEMBB1002677
C-HEMBB1002683
20 C-HEMBB1002699
C-HEMBB1002702
C-MAMMA1000009
C-MAMMA1000043
C-MAMMA1000045//ENV POLYPROTEIN [CONTAINS: SURFACE PROTEIN GP85; MEMBRANE PROTEIN
25 GP37].//1.90E-07//249aa//27%//P03396
C-MAMMA1000057
C-MAMMA1000085//PUTATIVE CYSTEINYL-TRNA SYNTHETASE C29E6.06C (EC 6.1.1.16) (CYSTEINE--
TRNA LIGASE) (CYSRS).//2.10E-90//427aa//39%//Q09860
C-MAMMA1000092
30 C-MAMMA1000103
C-MAMMA1000117
C-MAMMA1000129
C-MAMMA1000133
C-MAMMA1000155
35 C-MAMMA1000175
C-MAMMA1000198
C-MAMMA1000241
C-MAMMA1000251
C-MAMMA1000254
40 C-MAMMA1000287
C-MAMMA1000307
C-MAMMA1000331
C-MAMMA1000339
C-MAMMA1000340
45 C-MAMMA1000348
C-MAMMA1000356
C-MAMMA1000360
C-MAMMA1000402
C-MAMMA1000414
50 C-MAMMA1000431
C-MAMMA1000444
C-MAMMA1000458
C-MAMMA1000500
C-MAMMA1000522
55 C-MAMMA1000576
C-MAMMA1000583
C-MAMMA1000594
C-MAMMA1000605

C-MAMMA1000616
 C-MAMMA1000643
 C-MAMMA1000684//Homo sapiens 7-60 mRNA, complete cds.//0//2402bp//99%//AF109134
 C-MAMMA1000696
 5 C-MAMMA1000707
 C-MAMMA1000714
 C-MAMMA1000720
 C-MAMMA1000744
 C-MAMMA1000761
 10 C-MAMMA1000776
 C-MAMMA1000798
 C-MAMMA1000839
 C-MAMMA1000851
 C-MAMMA1000863
 15 C-MAMMA1000867
 C-MAMMA1000876
 C-MAMMA1000880
 C-MAMMA1000883
 C-MAMMA1000921
 20 C-MAMMA1000931
 C-MAMMA1000941
 C-MAMMA1000957
 C-MAMMA1000962
 C-MAMMA1000975
 25 C-MAMMA1000987
 C-MAMMA1001003
 C-MAMMA1001030//LUTROPIN-CHORIOGONADOTROPIC HORMONE RECEPTOR (LH/CG-R) (LSH-R)
 (LUTEINIZING HORMONE RECEPTOR) (FRAGMENT).//1.20E-26//276aa//28%//Q90674
 C-MAMMA1001038//MYOSIN LIGHT CHAIN KINASE, SMOOTH MUSCLE AND NON-MUSCLE ISOZYMES (EC
 30 2.7.1.117) (MLCK) [CONTAINS: TELOKIN].//2.60E-107//190aa//95%//Q15746
 C-MAMMA1001082
 C-MAMMA1001162
 C-MAMMA1001186
 C-MAMMA1001191
 35 C-MAMMA1001206
 C-MAMMA1001220
 C-MAMMA1001243
 C-MAMMA1001249
 C-MAMMA1001256
 40 C-MAMMA1001268
 C-MAMMA1001271
 C-MAMMA1001274
 C-MAMMA1001292
 C-MAMMA1001305//RHO-GTPASE-ACTIVATING PROTEIN 1 (GTPASE-ACTIVATING PROTEIN RHOGAP)
 45 (RHO-RELATED SMALL GTPASE PROTEIN ACTIVATOR) (CDC42 GTPASE-ACTIVATING PROTEIN)
 (P50-RHOGAP).//2.20E-98//283aa//63%//Q07960
 C-MAMMA1001324
 C-MAMMA1001341
 C-MAMMA1001388//LEUCINE-RICH ALPHA-2-GLYCOPROTEIN (LRG).//1.40E-165//312aa//99%//P02750
 50 C-MAMMA1001397
 C-MAMMA1001408
 C-MAMMA1001420
 C-MAMMA1001442
 C-MAMMA1001452
 55 C-MAMMA1001465
 C-MAMMA1001487
 C-MAMMA1001501//CALPAIN 1, LARGE [CATALYTIC] SUBUNIT (EC 3.4.22.17) (CALCIUM-ACTIVATED NEU-
 TRAL PROTEINASE) (CANP) (MU-TYPE).//5.70E-55//86aa//97%//P07384

C-MAMMA1001547
 C-MAMMA1001551
 C-MAMMA1001575
 C-MAMMA1001590
 5 C-MAMMA1001600
 C-MAMMA1001606
 C-MAMMA1001627//Homo sapiens mRNA for transcription factor TBX6.//5.20E-189//871bp//99%//AJ007989
 C-MAMMA1001663
 C-MAMMA1001670
 10 C-MAMMA1001671
 C-MAMMA1001679//F-ACTIN CAPPING PROTEIN BETA SUBUNIT (CAPZ).//0.00000058//29aa//100%//P47756
 C-MAMMA1001711
 C-MAMMA1001735//TUBULIN BETA-5 CHAIN (BETA-TUBULIN CLASS-V).//5.90E-240//445aa//97%//P09653
 C-MAMMA1001744
 15 C-MAMMA1001745
 C-MAMMA1001751//Homo sapiens tandem pore domain potassium channel TWIK-2 (KCNK6) mRNA, complete
 cds.//0//2332bp//99%//AF117708
 C-MAMMA1001783
 C-MAMMA1001788
 20 C-MAMMA1001806
 C-MAMMA1001812
 C-MAMMA1001815
 C-MAMMA1001817
 C-MAMMA1001818
 25 C-MAMMA1001820//Rattus norvegicus mRNA for PAG608 gene.//1.30E-198//1157bp//80%//Y13148
 C-MAMMA1001824
 C-MAMMA1001851
 C-MAMMA1001854
 C-MAMMA1001864
 30 C-MAMMA1001878
 C-MAMMA1001890
 C-MAMMA1001907
 C-MAMMA1001908
 C-MAMMA1001931
 35 C-MAMMA1001969
 C-MAMMA1002011
 C-MAMMA1002032
 C-MAMMA1002041
 C-MAMMA1002047
 40 C-MAMMA1002056
 C-MAMMA1002058
 C-MAMMA1002078
 C-MAMMA1002082
 C-MAMMA1002084
 45 C-MAMMA1002093
 C-MAMMA1002094
 C-MAMMA1002118
 C-MAMMA1002125
 C-MAMMA1002132
 50 C-MAMMA1002140
 C-MAMMA1002143//Homo sapiens Cdc42 effector protein 4 mRNA, complete cds//1.70E-252//1170bp//99%//
 AF099664
 C-MAMMA1002145
 C-MAMMA1002198//THIOREDOXIN PEROXIDASE 1 (THIOREDOXIN-DEPENDENT PEROXIDE REDUCTASE
 55 1) (THIOL-SPECIFIC ANTIOXIDANT PROTEIN) (TSA) (PRP) (NATURAL KILLER CELL ENHANCING FACTOR
 B) (NKEF-B).//5.20E-61//60aa//90%//P32119
 C-MAMMA1002230
 C-MAMMA1002250

C-MAMMA1002282
 C-MAMMA1002293
 C-MAMMA1002298
 C-MAMMA1002299
 5 C-MAMMA1002308
 C-MAMMA1002310
 C-MAMMA1002311
 C-MAMMA1002322
 C-MAMMA1002339
 10 C-MAMMA1002352
 C-MAMMA1002359
 C-MAMMA1002360
 C-MAMMA1002392
 C-MAMMA1002411
 15 C-MAMMA1002413
 C-MAMMA1002417
 C-MAMMA1002428//LYSOSOME MEMBRANE PROTEIN II (LIMP II) (85 KD LYSOSOMAL MEMBRANE
 SIALOGLYCOPROTEIN) (LGP85) (CD36 ANTIGEN-LIKE 2).//1.10E-24//96aa//68%//Q14108
 C-MAMMA1002434
 20 C-MAMMA1002446
 C-MAMMA1002454
 C-MAMMA1002461
 C-MAMMA1002475
 C-MAMMA1002556
 25 C-MAMMA1002566
 C-MAMMA1002612
 C-MAMMA1002622//VILLIN.//7.20E-35//53aa//64%//P02640
 C-MAMMA1002637//KINESIN LIGHT CHAIN (KLC).//1.30E-198//550aa//70%//Q07866
 C-MAMMA1002650//Mus musculus ODA-8S protein mRNA, complete cds.//5.40E-57//480bp//68%//AF194030
 30 C-MAMMA1002699//Rattus norvegicus EH domain binding protein Epsin mRNA, complete cds.//4.3e-317//
 1942bp//85%//AF018261
 C-MAMMA1002727
 C-MAMMA1002748
 C-MAMMA1002758
 35 C-MAMMA1002780
 C-MAMMA1002820
 C-MAMMA1002833
 C-MAMMA1002843
 C-MAMMA1002895
 40 C-MAMMA1002937//ZINC FINGER PROTEIN 135.//8.30E-99//393aa//43%//P52742
 C-MAMMA1003004
 C-MAMMA1003047//Homo sapiens protein inhibitor of activated STAT protein PIASy mRNA, complete cds.//0//
 1533bp//99%//AF077952
 C-NT2RM1000001//D.melanogaster sap47-2 mRNA.//1.50E-10//417bp//62%//X80110
 45 C-NT2RM1000018//Human mRNA for KIAA0066 gene, partial cds.//0//3376bp//99%//D31886
 C-NT2RM1000037//Homo sapiens mRNA for KIAA0690 protein, partial cds.//0//3551bp//99%//AB014590
 C-NT2RM1000086//Homo sapiens mRNA for KIAA0661 protein, complete cds.//0//3035bp//96%//AB014561
 C-NT2RM1000421//RIBONUCLEASE INHIBITOR.//4.40E-21//372aa//30%//P10775 C-NT2RM1000499
 C-NT2RM1001059//NUCLEAR POLYADENYLATED RNA-BINDING PROTEIN NAB4.//3.60E-11//180aa//28%//
 50 Q99383
 C-NT2RM1001092//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//3.60E-115//332aa//
 52%//Q05481
 C-NT2RM2001592//Homo sapiens mRNA for KIAA1067 protein, partial cds.//0//3471bp//99%//AB028990
 C-NT2RM2001635//Homo sapiens mRNA for KIAA0618 protein, complete cds.//0//1632bp//99%//AB014518
 55 C-NT2RM2001637
 C-NT2RM2001641
 C-NT2RM2001670//ZINC FINGER PROTEIN 29 (ZFP-29).//6.50E-104//407aa//43%//Q07230
 C-NT2RM2001699

C-NT2RM2001706
 C-NT2RM2001718
 C-NT2RM2001727//Homo sapiens mRNA for KIAA0462 protein, partial cds.//0//2892bp//99%//AB007931
 C-NT2RM2001805
 5 C-NT2RM4000086
 C-NT2RM4000215//MAK16 PROTEIN.//1.30E-68//295aa//49%//P10962
 C-NT2RM4000414
 C-NT2RM4000590//RING CANAL PROTEIN (KELCH PROTEIN).//1.00E-59//595aa//28%//Q04652
 C-NT2RM4000634
 10 C-NT2RM4000657//Homo sapiens mRNA for KIAA1069 protein, partial cds.//0//1412bp//100%//AB028992
 C-NT2RM4000783
 C-NT2RM4000857//LEUCINE-RICH ALPHA-2-GLYCOPROTEIN (LRG).//6.70E-22//250aa//29%//P02750
 C-NT2RM4000971
 C-NT2RM4000996//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//8.00E-211//738aa//
 15 50%//Q05481
 C-NT2RM4001092//ZINC FINGER PROTEIN GLO3.//3.10E-24//265aa//33%//P38682
 C-NT2RM4001178//PROBABLE ATP-DEPENDENT RNA HELICASE HAS1.//1.10E-48//218aa//43%//Q03532
 C-NT2RM4001569
 C-NT2RM4001819//Human p58/GTA (galactosyltransferase associated protein kinase) mRNA, complete cds.//
 20 8.10E-300//1395bp//98%//M37712
 C-NT2RM4001905
 C-NT2RM4001938//Homo sapiens mRNA for KIAA0898 protein, partial cds.//0//2234bp//99%//AB020705
 C-NT2RM4002062//ASPARTYL-TRNA SYNTHETASE (EC 6.1.1.12) (ASPARTATE-TRNA LIGASE) (ASPRS).//
 1.90E-31//80aa//52%//P36419
 25 C-NT2RM4002073//Mus musculus fatty acid transport protein 3 mRNA, partial cds.//9.30E-293//1751bp//83%//
 AF072758
 C-NT2RM4002093//Homo sapiens neural polypyrimidine tract binding protein (PTB) mRNA, complete cds.//0//
 2550bp//99%//AF176085
 C-NT2RM4002109//Homo sapiens kinesin superfamily motor KIF4 mRNA, complete cds.//0//2572bp//99%//
 30 AF071592
 C-NT2RM4002146//Homo sapiens MAGOH mRNA, complete cds.//6.90E-70//454bp//85%//AF035940
 C-NT2RM4002194//Mus musculus semaphorin VIa mRNA, complete cds.//5.20E-297//1753bp//87%//AF030430
 C-NT2RM4002390
 C-NT2RM4002398
 35 C-NT2RM4002420
 C-NT2RM4002534
 C-NT2RM4002565//Mus musculus Sec8 mRNA, complete cds.//0//1915bp//87%//AF022962
 C-NT2RM4002571//H.sapiens mRNA for UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase (T2).//
 4.60E-78//921bp//69%//X85019
 40 C-NT2RP1000358//Homo sapiens mRNA; cDNA DKFZp564C186 (from clone DKFZp564C186).//0//1938bp//
 88%//AL050019
 C-NT2RP1000522//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE DUB-1 (EC 3.1.2.15) (UBIQUITIN THI-
 OLESTERASE DUB-1) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE DUB-1) (DEUBIQUITINATING EN-
 ZYME 1).//8.20E-83//345aa//47%//Q61068
 45 C-NT2RP1000609//Homo sapiens mRNA; cDNA DKFZp586C201 (from clone DKFZp586C201).//0//2165bp//
 99%//AL050118
 C-NT2RP1000677//SODIUM-INDEPENDENT ORGANIC ANION TRANSPORTER (ORGANIC ANION TRANS-
 PORTING POLYPEPTIDE).//1.20E-78//483aa//31%//P46721
 C-NT2RP1000701//Homo sapiens phospholipase A2 activating protein (PLA2P) mRNA, complete cds.//0//
 50 1687bp//99%//AF145020
 C-NT2RP1000834//Homo sapiens alpha-methylacyl-CoA racemase mRNA, complete cds.//1.80E-176//829bp//
 98%//AF047020
 C-NT2RP1000860//Homo sapiens KL04P mRNA, complete cds.//0//1555bp//99%//AF064094
 C-NT2RP1000916
 55 C-NT2RP1000944
 C-NT2RP1001079//Oryctolagus cuniculus sarcosine oxidase (SOX) mRNA, complete cds.//0//2085bp//99%//
 U82267
 C-NT2RP1001080//PROBABLE ATP-DEPENDENT RNA HELICASE DBP9.//2.30E-116//319aa//46%//Q06218

C-NT2RP1001113
 C-NT2RP1001173//Homo sapiens mRNA; cDNA DKFZp566D1146 (from clone DKFZp566D1146).//0//2333bp//99%//AL080222
 C-NT2RP1001177//Rattus norvegicus histone macroH2A1.2 mRNA, complete cds.//5.20E-108//1278bp//69%//U79139
 5 C-NT2RP1001185//Human isovaleryl-coA dehydrogenase (IVD) mRNA, complete cds.//1.90E-158//729bp//99%//M34192
 C-NT2RP1001247//Homo sapiens TGF-beta type secreted signaling protein LEFTYA mRNA, complete cds.//0//2006bp//100%//AF081513
 10 C-NT2RP1001311
 C-NT2RP1001313//Homo sapiens delta-6 fatty acid desaturase mRNA, complete cds.//7.50E-121//1394bp//69%//AF126799
 C-NT2RP2000001//Homo sapiens mRNA for KIAA1111 protein, partial cds.//0//3188bp//99%//AB029034
 C-NT2RP2000027
 15 C-NT2RP2000183//DIHYDROPYRIMIDINASE RELATED PROTEIN-2 (DRP-2) (NEURAL SPECIFIC PROTEIN NSP60).//3.30E-16//114aa//44%//002675
 C-NT2RP2000198
 C-NT2RP2000523//APOLIPOPROTEIN B MRNA EDITING PROTEIN (HEPR) (APOBEC-1).//6.00E-16//124aa//34%//P41238
 20 C-NT2RP2000551
 C-NT2RP2000644
 C-NT2RP2000660//SAP1 PROTEIN.//5.20E-68//474aa//32%//P39955
 C-NT2RP2000678
 C-NT2RP2000715
 25 C-NT2RP2000842//Human lysophosphatidic acid receptor homolog mRNA, complete cds.//0//1562bp//99%//U80811
 C-NT2RP2000970
 C-NT2RP2001347
 C-NT2RP2001460//TRICHOHYALIN.//1.00E-14//521aa//24%//P37709
 30 C-NT2RP2001613//MITOCHONDRIAL IMPORT RECEPTOR SUBUNIT TOM40 (MOM38 PROTEIN) (TRANSLOCASE OF OUTER MEMBRANE 40 KD SUBUNIT).//6.10E-12//184aa//31%//P24391
 C-NT2RP2001634//Homo sapiens alpha-catenin-like protein mRNA, complete cds.//0//2445bp//99%//U97067
 C-NT2RP2001660//Homo sapiens putative 13 S Golgi transport complex 90kD subunit brain-specific isoform mRNA, complete cds.//0//1287bp//99%//AF058718
 35 C-NT2RP2001677
 C-NT2RP2001678
 C-NT2RP2001720
 C-NT2RP2001740//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE DUB-1 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE DUB-1) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE DUB-1) (DEUBIQUITINATING ENZYME 1).//7.90E-52//220aa//44%//Q61068
 40 C-NT2RP2001756//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.70E-49//411aa//32%//P51523
 C-NT2RP2001839//SCY1 PROTEIN.//5.40E-32//621aa//24%//P53009
 C-NT2RP2001861
 45 C-NT2RP2001869//ZINC FINGER PROTEIN 191.//7.10E-26//126aa//52%//014754
 C-NT2RP2001876//ALLOGRAFT INFLAMMATORY FACTOR-1 (AIF-1) (IONIZED CALCIUM BINDING ADAPTER MOLECULE 1).//1.20E-45//141aa//65%//P55008
 C-NT2RP2001898//Human inositol polyphosphate 5-phosphatase (5ptase) mRNA, 3' end.//0//2518bp//98%//M74161
 50 C-NT2RP2001936
 C-NT2RP2001943
 C-NT2RP2001946
 C-NT2RP2002032
 C-NT2RP2002033
 55 C-NT2RP2002041
 C-NT2RP2002047
 C-NT2RP2002066//Rattus norvegicus transmembrane receptor Unc5H2 mRNA, complete cds.//1.60E-226//1301bp//88%//U87306

C-NT2RP2002124//Homo sapiens mRNA for KIAA1097 protein, partial cds.//0//1772bp//95%//AB029020
 C-NT2RP2002172
 C-NT2RP2002219
 C-NT2RP2002256//Homo sapiens retinoic acid hydroxylase mRNA, complete cds.//0//1528bp//98%//AF005418
 5 C-NT2RP2002316
 C-NT2RP2002373
 C-NT2RP2002439
 C-NT2RP2002475
 C-NT2RP2002546
 10 C-NT2RP2002591//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.20E-155//562aa//50%//P51523
 C-NT2RP2002606//Rattus norvegicus Rabin3 mRNA, complete cds.//9.20E-147//874bp//87%//U19181
 C-NT2RP2002643
 C-NT2RP2002727//Rattus norvegicus tulip 2 mRNA, complete cds.//3.50E-74//727bp//72%//AF041107
 15 C-NT2RP2002736
 C-NT2RP2002740
 C-NT2RP2002741//Homo sapiens mRNA for Neuroblastoma, complete cds.//9.90E-54//964bp//64%//D89016
 C-NT2RP2002752
 C-NT2RP2002753
 20 C-NT2RP2002857
 C-NT2RP2003000//TUMOR NECROSIS FACTOR, ALPHA-INDUCED PROTEIN 1, ENDOTHELIAL (B12 PROTEIN).//1.90E-11//132aa//38%//Q13829
 C-NT2RP2003073
 C-NT2RP2003164//Homo sapiens mRNA for protein kinase.//0//2313bp//99%//AJ132545
 25 C-NT2RP2003206
 C-NT2RP2003228//H.sapiens P1-Cdc21 mRNA.//0//2870bp//98%//X74794
 C-NT2RP2003230//Rattus norvegicus endo-alpha-D-mannosidase (Enman) mRNA, complete cds.//2.60E-186//1551bp//77%//AF023657
 C-NT2RP2003237
 30 C-NT2RP2003272//Homo sapiens ubiquitin mRNA, complete cds.//0//1789bp//99%//AF176069
 C-NT2RP2003280
 C-NT2RP2003293
 C-NT2RP2003394//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//5.50E-13//302aa//26%//P25386
 35 C-NT2RP2003401//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE DUB-1 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE DUB-1) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE DUB-1) (DEUBIQUITINATING ENZYME 1).//9.60E-78//346aa//43%//061068
 C-NT2RP2003456
 C-NT2RP2003517//Human c-sis/platelet-derived growth factor 2 (SIS/PDGF2) mRNA, complete cds.//0//1746bp//95%//M12783
 40 C-NT2RP2003522//Homo sapiens zinc finger DNA binding protein 99 (ZNF281) mRNA, complete cds.//0//1764bp//99%//AF125158
 C-NT2RP2003559
 C-NT2RP2003564//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A)).//2.10E-59//270aa//46%//P19474
 45 C-NT2RP2003581
 C-NT2RP2003643//Mus musculus mRNA for CMP-N-acetylneuraminic acid synthetase.//9.40E-243//1624bp//82%//AJ006215
 C-NT2RP2003702//Homo sapiens 17 beta-hydroxysteroid dehydrogenase type VII (HSD17B7) mRNA, complete cds.//2.1e-313//978bp//99%//AF098786
 50 C-NT2RP2003704//Homo sapiens mRNA for ATP-dependent metalloprotease YME1L.//1.80E-72//350bp//100%//AJ132637
 C-NT2RP2003727
 C-NT2RP2003751
 55 C-NT2RP2003781//HYPOTHETICAL 36.7 KD PROTEIN AH6.2 IN CHROMOSOME II.//5.50E-63//253aa//50%//Q09201
 C-NT2RP2003825
 C-NT2RP2003871

C-NT2RP2003885
 C-NT2RP2003912//SERINE/THREONINE-PROTEIN KINASE NEK1 (EC 2.7.1.-) (NIMA-RELATED PROTEIN KINASE 1).//6.10E-183//387aa//87%//P51954
 C-NT2RP2003976//Homo sapiens mRNA for KIAA0447 protein, complete cds.//0//2866bp//98%//AB007916
 5 C-NT2RP2003988
 C-NT2RP2004013//TRANSCRIPTION FACTOR BTF3 (RNA POLYMERASE B TRANSCRIPTION FACTOR 3).//2.30E-53//141aa//78%//P20290
 C-NT2RP2004098//ADENYLATE CYCLASE (EC 4.6.1.1)(ATP PYROPHOSPHATE-LYASE)(ADENYLYL CYCLASE).//5.40E-30//319aa//31%//Q01513
 10 C-NT2RP2004142
 C-NT2RP2004170//Homo sapiens mRNA for transducin (beta) like 1 protein.//1.10E-138//1236bp//74%//Y12781
 C-NT2RP2004194//Rattus norvegicus Golgi SNARE GS15 mRNA, complete cds.//3.80E-52//397bp//82%//AF003998
 C-NT2RP2004207
 15 C-NT2RP2004226
 C-NT2RP2004232//Homo sapiens EPK2 mRNA for serine/threonine kinase, complete cds.//0//2272bp//99%//AB015982
 C-NT2RP2004242//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT PROTEIN) (NF-H).//9.90E-12//427aa//26%//P19246
 20 C-NT2RP2004270//PROTEIN PTM1 PRECURSOR.//1.40E-16//334aa//24%//P32857
 C-NT2RP2004321
 C-NT2RP2004339
 C-NT2RP2004347
 C-NT2RP2004396//Homo sapiens mRNA for activator of S phase Kinase, complete cds.//5.40E-243//1108bp//99%//AB028069
 25 C-NT2RP2004399
 C-NT2RP2004400
 C-NT2RP2004412
 C-NT2RP2004425//Mus musculus axotrophin mRNA, complete cds.//0//2321bp//86%//AF155739
 30 C-NT2RP2004490
 C-NT2RP2004523
 C-NT2RP2004538//Mus musculus kinesin-like protein KIF1B (Kif1b) mRNA, complete cds.//0//1387bp//86%//AF090190
 C-NT2RP2004580
 35 C-NT2RP2004587//Homo sapiens mRNA for KIAA0888 protein, partial cds.//0//2886bp//100%//AB020695
 C-NT2RP2004594
 C-NT2RP2004681
 C-NT2RP2004709
 C-NT2RP2004710//Homo sapiens mRNA for KIAA1014 protein, partial cds.//0//2587bp//100%//AB023231
 40 C-NT2RP2004732//Homo sapiens mRNA for KIAA0884 protein, partial cds.//0//1774bp//99%//AB020691
 C-NT2RP2004767
 C-NT2RP2004775
 C-NT2RP2004961//Rattus norvegicus KRAB/zinc finger suppressor protein 1 (KS1) mRNA, complete cds.//1.00E-228//1666bp//75%//U56732
 45 C-NT2RP2004962
 C-NT2RP2004982
 C-NT2RP2005003//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A)).//1.80E-99//376aa//43%//P19474
 C-NT2RP2005018
 50 C-NT2RP2005020
 C-NT2RP2005022
 C-NT2RP2005031
 C-NT2RP2005116//Homo sapiens mRNA for KIAA0664 protein, partial cds.//0//4069bp//99%//AB014564
 C-NT2RP2005139//2-5A-DEPENDENT RIBONUCLEASE (EC 3.1.26.-) (2-5A-DEPENDENT RNAASE) (RNASE L) (RIBONUCLEASE 4) (FRAGMENT).//0.000000022//139aa//35%//Q05921
 55 C-NT2RP2005168//Homo sapiens mRNA for E1B-55kDa-associated protein.//0//2769bp//98%//AJ007509
 C-NT2RP2005254
 C-NT2RP2005325//Homo sapiens LIM-homeodomain protein HLHX2 (LHX2) mRNA, complete cds.//0//1643bp//

99%//AF124735
 C-NT2RP2005336//TRICHOHYALIN.//5.40E-10//545aa//22%//P37709
 C-NT2RP2005344//PROBABLE CALCIUM-TRANSPORTING ATPASE 5 (EC 3.6.1.38).//2.10E-124//636aa//
 38%//P32660
 5 C-NT2RP2005360
 C-NT2RP2005407//OXYSTEROL-BINDING PROTEIN.//5.30E-63//410aa//40%//P22059
 C-NT2RP2005454
 C-NT2RP2005457//Homo sapiens NADH-ubiquinone oxidoreductase subunit B14.5B homolog mRNA, complete
 cds.//1.20E-130//608bp//99%//AF070652
 10 C-NT2RP2005476//Human p190-B (p190-B) mRNA, complete cds.//3.40E-108//668bp//88%//U17032
 C-NT2RP2005491//PARAMYOSIN (PMY) (ANTIGEN B).//0.00000015//279aa//26%//P35418
 C-NT2RP2005496//ZINC FINGER PROTEIN 135.//2.90E-146//398aa//59%//P52742
 C-NT2RP2005501
 C-NT2RP2005531//PROTEIN 4.1 (BAND 4.1) (P4.1).//5.50E-70//393aa//39%//P11171
 15 C-NT2RP2005600//Homo sapiens mRNA for KIAA1020 protein, partial cds.//0//2554bp//99%//AB028943
 C-NT2RP2005645
 C-NT2RP2005694//X-LINKED RETINITIS PIGMENTOSA GTPASE REGULATOR.//2.60E-10//175aa//27%//
 Q92834
 C-NT2RP2005701//ZINC-FINGER PROTEIN RFP (RET FINGER PROTEIN).//3.00E-63//323aa//39%//Q62158
 20 C-NT2RP2005741
 C-NT2RP2005806
 C-NT2RP2005815
 C-NT2RP2005841
 C-NT2RP2005882
 25 C-NT2RP2005942//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYLTRANS-
 FERASE).//1.50E-67//388aa//44%//P25500
 C-NT2RP2006103
 C-NT2RP2006166
 C-NT2RP2006258
 30 C-NT2RP2006261
 C-NT2RP2006321
 C-NT2RP2006454
 C-NT2RP2006598//Homo sapiens retinoid x receptor interacting protein mRNA, complete cds.//3.10E-295//
 1193bp//99%//AF113538
 35 C-NT2RP3000046//MITOCHONDRIAL GTPASE MSS1 PRECURSOR.//4.60E-78//421aa//37%//P32559
 C-NT2RP3000047//NPL4 PROTEIN.//1.10E-85//526aa//36%//P33755
 C-NT2RP3000418
 C-NT2RP3000439//HYPOTHETICAL 46.4 KD PROTEIN IN FFH-GRPE INTERGENIC REGION.//2.90E-
 1511319aa//26%//P37908
 40 C-NT2RP3000487
 C-NT2RP3000512//Human HOX2G mRNA from the Hox2 locus.//0//1934bp//99%//X16667
 C-NT2RP3000526
 C-NT2RP3000603//NEUROGENIC DIFFERENTIATION FACTOR 1.//3.70E-11//90aa//42%//Q13562
 C-NT2RP3000605//Mus musculus mRNA for wizL, complete cds.//0//2232bp//82%//AB012265
 45 C-NT2RP3000628
 C-NT2RP3000739//ATROPHIN-1 (DENTATORUBRAL-PALLIDOLUYSIAN ATROPHY PROTEIN).//1.40E-24//
 155aa//37%//Q10149
 C-NT2RP3000845//PUTATIVE SERINE/THREONINE-PROTEIN KINASE P78 (EC 2.7.1.).//8.30E-108//331aa//
 50%//P27448
 50 C-NT2RP3000968//40S RIBOSOMAL PROTEIN S15A.//1.90E-46//73aa//98%//P39027
 C-NT2RP3001057//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//9.00E-201//584aa//
 54%//Q05481
 C-NT2RP3001113//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//2.90E-11//631aa//23%//
 P25386
 55 C-NT2RP3001245//Homo sapiens mRNA for KIAA0923 protein, complete cds.//0//2659bp//99%//AB023140
 C-NT2RP3001253//NUF1 PROTEIN (SPINDLE POLY BODY SPACER PROTEIN SPC110).//1.70E-10//540aa//
 23%//P32380
 C-NT2RP3001356

C-NT2RP3001383
 C-NT2RP3001399//SSU72 PROTEIN.//1.30E-16//84aa//52%//P53538
 C-NT2RP3001554//MICROTUBULE-ASSOCIATED PROTEIN 1B [CONTAINS: LIGHT CHAIN LC1].//1.40E-76//
 388aa//32%//P46821
 5 C-NT2RP3001712//Homo sapiens HP1-BP74 protein mRNA, complete cds.//0//1788bp//99%//AF113534
 C-NT2RP3001724//Homo sapiens chromodomain-helicase-DNA-binding protein mRNA, complete cds.//1.10E-
 240//902bp//99%//AF054177
 C-NT2RP3001727//Rattus norvegicus implantation-associated protein (IAG2) mRNA, partial cds.//6.90E-132//
 774bp//88%//AF008554
 10 C-NT2RP3001730//SEPTIN 2 HOMOLOG (FRAGMENT).//7.10E-132//294aa//84%//Q14141
 C-NT2RP3001739
 C-NT2RP3001777
 C-NT2RP3001857//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//1.20E-14//242aa//24%//Q00808
 C-NT2RP3001943//Homo sapiens mRNA for KIAA0675 protein, complete cds.//0//3747bp//99%//AB014575
 15 C-NT2RP3001944
 C-NT2RP3002033
 C-NT2RP3002054
 C-NT2RP3002063//Homo sapiens mRNA for KIAA1033 protein, partial cds.//0//2830bp//99%//AB028956
 C-NT2RP3002099
 20 C-NT2RP3002102
 C-NT2RP3002147
 C-NT2RP3002163
 C-NT2RP3002173
 C-NT2RP3002255
 25 C-NT2RP3002303//PROBABLE UNDECAPRENYL PYROPHOSPHATE SYNTHETASE (EC 2.5.1.31) (UPP SYN-
 THETASE) (DI-TRANS-POLY-CIS-DECAPRENYLCISTRANSFERASE).//8.60E-49//243aa//43%//Q58767
 C-NT2RP3002343
 C-NT2RP3002351//Human mRNA for NAD-dependent methylene tetrahydrofolate dehydrogenase cyclohydrolase
 (EC 1.5.1.15).//4.20E-70//590bp//76%//X16396
 30 C-NT2RP3002399//DNA REPLICATION LICENSING FACTOR MCM4 (CDC21 HOMOLOG)(P1-CDC21).//8.60E-
 79//416aa//34%//P33991
 C-NT2RP3002455//Homo sapiens mRNA for KIAA0678 protein, partial cds.//0//3811bp//99%//AB014578
 C-NT2RP3002545//Homo sapiens mRNA; cDNA DKFZp586G0518 (from clone DKFZp586G0518).//0//2499bp//
 99%//AL050092
 35 C-NT2RP3002549//HYPOTHETICAL 26.6 KD PROTEIN T19C3.4 IN CHROMOSOME III.//5.80E-40//161aa//
 52%//Q10010
 C-NT2RP3002602//PROBABLE PROTEIN DISULFIDE ISOMERASE ER-60 PRECURSOR (EC 5.3.4.1) (ERP60)
 (58 KD MICROSOMAL PROTEIN) (P58) (HIP-70) (Q-2).//2.90E-19//173aa//28%//P11598
 C-NT2RP3002603
 40 C-NT2RP3002628//PROBABLE PROTEIN DISULFIDE ISOMERASE P5 PRECURSOR (EC 5.3.4.1).//2.50E-26//
 90aa//42%//P38660
 C-NT2RP3002659
 C-NT2RP3002660
 C-NT2RP3002682//Homo sapiens CGI-145 protein mRNA, complete cds.//0//1596bp//98%//AF151903
 45 C-NT2RP3002687
 C-NT2RP3002688//Mouse mRNA for kinesin-like protein (Kifib), complete cds.//1.10E-93//1205bp//69%//D17577
 C-NT2RP3002701
 C-NT2RP3002785//LETHAL(2)DENTICLELESS PROTEIN (DTL83 PROTEIN).//2.50E-55//187aa//39%//Q24371
 C-NT2RP3002869//Mus musculus semaphorin VIa mRNA, complete cds.//2.50E-232//1282bp//85%//AF030430
 50 C-NT2RP3002876
 C-NT2RP3002877
 C-NT2RP3002909//Homo sapiens mRNA for KIAA0771 protein, partial cds.//0//2085bp//94%//AB018314
 C-NT2RP3002969//Homo sapiens mRNA for Acyl-CoA synthetase 3, complete cds.//0//2722bp//99%//D89053
 C-NT2RP3002972//Halocynthia roretzi mRNA for HrPET-1, complete cds.//3.90E-52//899bp//64%//AB029333
 55 C-NT2RP3003032//Homo sapiens okadaic acid-inducible and cAMP-regulated phosphoprotein 19 (ARPP-19) mR-
 NA, complete cds.//0//2656bp//99%//AF084555
 C-NT2RP3003061//ANKYRIN.//1.40E-20//200aa//37%//Q02357
 C-NT2RP3003071//NEUROGENIC PROTEIN BIG BRAIN.//1.10E-05//258aa//24%//P23645

C-NT2RP3003078
 C-NT2RP3003139
 C-NT2RP3003145//Mus musculus metallocarboxypeptidase CPX-1 mRNA, complete cds.//0//2251bp//81%//
 AF07773 8
 5 C-NT2RP3003150
 C-NT2RP3003197//HYPOTHETICAL 33.8 KD PROTEIN C5H10.01 IN CHROMOSOME 1.//5.70E-09//169aa//
 31%//Q09674
 C-NT2RP3003203//Rattus norvegicus golgi stacking protein homolog GRASP55 mRNA, complete cds.//2.00E-
 210//1851bp//76%//AF110267
 10 C-NT2RP3003210
 C-NT2RP3003212//Rattus norvegicus lamina associated polypeptide 1C (LAP1C) mRNA, complete cds.//4.30E-
 187//1750bp//75%//U20286
 C-NT2RP3003230//Homo sapiens mRNA for hCRNN4, complete cds.//0//2350bp//99%//AB030656
 C-NT2RP3003242//Homo sapiens stanniocalcin-related protein mRNA, complete cds.//0//2366bp//99%//
 15 AF098462
 C-NT2RP3003251//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A))(RO(SS-A))//
 4.20E-86//366aa//48%//P19474
 C-NT2RP3003301//MITOCHONDRIAL LON PROTEASE HOMOLOG 1 PRECURSOR (EC 3.4.21.-).//1.10E-170//
 585aa//54%//064948
 20 C-NT2RP3003311
 C-NT2RP3003409//Human DHHC-domain-containing cysteine-rich protein mRNA, complete cds.//9.20E-45//
 782bp//65%//U90653
 C-NT2RP3003427
 C-NT2RP3003543
 25 C-NT2RP3003552
 C-NT2RP3003555//HYPOTHETICAL 32.6 KD PROTEIN IN MET30-PIG2 INTERGENIC REGION.//4.50E-30//
 191aa//40%//P40529
 C-NT2RP3003564
 C-NT2RP3003589//Homo sapiens ras-related GTP-binding protein mRNA, complete cds.//0//3131bp//94%//
 30 AF106681
 C-NT2RP3003621
 C-NT2RP3003625
 C-NT2RP3003656
 C-NT2RP3003659//HES1 PROTEIN.//5.90E-22//229aa//27%//P35843
 35 C-NT2RP3003686
 C-NT2RP3003701//F-SPONDIN PRECURSOR.//1.80E-17//324aa//26%//P35446
 C-NT2RP3003716//SLIT PROTEIN PRECURSOR.//6.60E-10//150aa//34%//P24014
 C-NT2RP3003726//Homo sapiens spermatogenesis associated PD1 mRNA, complete cds.//0//2568bp//99%//
 U28164
 40 C-NT2RP3003795
 C-NT2RP3003805
 C-NT2RP3003809//SAV PROTEIN.//1.10E-131//576aa//41%//Q07590
 C-NT2RP3003819
 C-NT2RP3003825//PHOSPHATIDYLCHOLINE TRANSFER PROTEIN (PC-TP).//9.60E-19//174aa//31%//
 45 P02720
 C-NT2RP3003831//Homo sapiens ENDOGL-1 (alias ENGL-a) mRNA for endonuclease G-like protein-1, complete
 cds.//2.2e-316//1436bp//99%//AB020523
 C-NT2RP3003833
 C-NT2RP3003842
 50 C-NT2RP3003846//Homo sapiens mRNA for putative phospholipase, complete cds.//4.80E-277//1255bp//99%//
 AB019435
 C-NT2RP3003870//Homo sapiens mRNA for KIAA0800 protein, complete cds.//0//2557bp//99%//AB018343
 C-NT2RP3003876
 C-NT2RP3003914//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-)
 55 (DUGT).//2.20E-20//76aa//64%//Q09332
 C-NT2RP3003918//Homo sapiens VAMP-associated protein B (VAP-B) mRNA, complete cds.//0//2191bp//99%//
 AF086628
 C-NT2RP3003989

C-NT2RP3004016//TRANSCRIPTION INTERMEDIARY FACTOR 1-BETA (NUCLEAR COREPRESSOR KAP-1)
 (KRAB-ASSOCIATED PROTEIN 1).//1.50E-17//226aa//26%//Q13263
 C-NT2RP3004070
 C-NT2RP3004145
 5 C-NT2RP3004215
 C-NT2RP3004253
 C-NT2RP3004282//Homo sapiens torsinA (DYT1) mRNA, complete cds.//5.10E-24//597bp//61 %//AF007871
 C-NT2RP3004348//R.norvegicus mRNA for cytosolic resiniferatoxin-binding protein.//1.10E-185//1130bp//82%//
 X67877
 10 C-NT2RP3004490//Homo sapiens PAC clone 166H1 from 12q, complete sequence.//0//1778bp//99%//AC003982
 C-NT2RP3004503
 C-NT2RP3004566//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.20E-95//434aa//43%//
 P51523
 C-NT2RP3004670//Homo sapiens GN6ST mRNA for N-acetylglucosamine-6-O-sulfotransferase (GlcNAc6ST),
 15 complete cds.//0//2393bp//99%//AB014679
 C-NT2RP4000023
 C-NT2RP4000218
 C-NT2RP4000424
 C-NT2RP4001213//ZINC FINGER PROTEIN 184 (FRAGMENT).//5.70E-141//511aa//43%//Q99676
 20 C-NT2RP4001447
 C-NT2RP4001841
 C-NT2RP4001849//SH3-BINDING PROTEIN 3BP-1.//1.40E-85//489aa//43%//P55194
 C-NT2RP4002047//GTP-BINDING PROTEIN LEPA.//1.50E-168//601aa//52%//067618
 C-NT2RP4002075
 25 C-NT2RP4002083
 C-OVARC1000001/Homo sapiens mRNA for actin binding protein ABP620, complete cds.//7.00E-217//683bp//
 99%//AB029290
 C-OVARC1000008
 C-OVARC1000017
 30 C-OVARC1000058
 C-OVARC1000068
 C-OVARC1000071//Homo sapiens NTF2-related export protein NXT1 (NXT1) mRNA, complete cds.//1.50E-47//
 727bp//67%//AF156957
 C-OVARC1000085//Human mRNA for proteasome subunit HC5.//1.00E-151//699bp//100%//D00761
 35 C-OVARC1000109
 C-OVARC1000114
 C-OVARC1000145
 C-OVARC1000240
 C-OVARC1000302
 40 C-OVARC1000408
 C-OVARC1000414
 C-OVARC1000440
 C-OVARC1000442
 C-OVARC1000496
 45 C-OVARC1000556//RIBOSOMAL PROTEIN S6 KINASE II ALPHA 2 (EC 2.7.1.-) (S6KII-ALPHA 2) (P90-RSK 2)
 (RIBOSOMAL S6 KINASE 3) (RSK3) (PP90RSK3).//3.30E-67//132aa//95%//015349
 C-OVARC1000557
 C-OVARC1000578
 C-OVARC1000622
 50 C-OVARC1000679//Homo sapiens myosin-IXa mRNA, complete cds.//0//808bp//99%//AF117888
 C-OVARC1000681
 C-OVARC1000700
 C-OVARC1000724
 C-OVARC1000751//PROBABLE PROTEIN PHOSPHATASE 2C T23F11.1 (EC 3.1.3.16) (PP2C).//5.60E-11//
 55 74aa//37%//P49596
 C-OVARC1000800//MITOCHONDRIAL STRESS-70 PROTEIN PRECURSOR (75 KD GLUCOSE REGULATED
 PROTEIN) (GRP 75).//3.90E-46//78aa//98%//035501
 C-OVARC1000885//OXIDOREDUCTASE UCPA (EC 1.-.-.-).//1.30E-32//170aa//34%//P37440

EP 1 074 617 A2

C-OVARC1000936//COAT PROTEIN GP37 (ENV PROTEIN GP37).//0.0000054//135aa//28%/P03398
 C-OVARC1000937//S-PHASE ENTRY CYCLIN 6.//4.90E-10//61aaaa//49%/P32943
 C-OVARC1000960
 C-OVARC1000971
 5 C-OVARC1000999//ANKYRIN HOMOLOG PRECURSOR.//4.10E-11//189aa//32%/Q06527
 C-OVARC1001000
 C-OVARC1001029
 C-OVARC1001040
 C-OVARC1001051//EPIDERMAL GROWTH FACTOR RECEPTOR SUBSTRATE SUBSTRATE 15 (PROTEIN
 10 EPS15) (AF-1P PROTEIN).//1.10E-08//216aa//23%/P42566
 C-OVARC1001113//Homo sapiens diaphanous 1 (HDIA1) mRNA, complete cds.//5.1e-310//1588bp//93%/AF051782
 C-OVARC1001118
 C-OVARC1001129
 15 C-OVARC1001169
 C-OVARC1001240
 C-OVARC1001261
 C-OVARC1001339
 C-OVARC1001342//40S RIBOSOMAL PROTEIN S8.//1.40E-110//207aa//99%/P09058
 20 C-OVARC1001357
 C-OVARC1001442
 C-OVARC1001611
 C-OVARC1001813
 C-OVARC1002112//Homo sapiens histone macroH2A1.2 mRNA, complete cds.//0//1760bp//99%/AF054174
 25 C-OVARC1002143
 C-OVARC1002165//3-OXO-5-ALPHA-STEROID 4-DEHYDROGENASE 2 (EC 1.3.99.5) (STEROID 5-ALPHA-
 REDUCTASE 2) (SR TYPE 2).//7.60E-08//114aa//37%/P31213
 C-OVARC1002182//BETA-TRCP (BETA-TRANSDUCIN REPEAT-CONTAINING PROTEIN) (BTRCP).//1.70E-
 09//207aa//30%/Q91854
 30 C-PLACE1000014
 C-PLACE1000078
 C-PLACE1000492//Rat vacuolar protein sorting homolog r-vps33b mRNA, complete cds.//0//2041bp//87%/U35245
 C-PLACE1000793//NEUROGENIC PROTEIN BIG BRAIN.//1.70E-07//251aa//24%/P23645
 35 C-PLACE1000814
 C-PLACE1000979//ZINC FINGER PROTEIN 135.//2.50E-153//326aa//64%/P52742
 C-PLACE1001007
 C-PLACE1001054//Homo sapiens mRNA for RuvB-like DNA helicase TIP49b, complete cds.//4.00E-300//
 1355bp//100%/AB024301
 40 C-PLACE1001088
 C-PLACE1001136
 C-PLACE1001241
 C-PLACE1001377//Homo sapiens ADAM10 (ADAM10) mRNA, complete cds.//5.90E-228//827bp//99%/AF009615
 45 C-PLACE1001395
 C-PLACE1001740
 C-PLACE1001746
 C-PLACE1001983//HYPOTHETICAL 46.4 KD PROTEIN IN FFH-GRPE INTERGENIC REGION.//7.50E-16//
 319aa//26%/P37908
 50 C-PLACE1002066
 C-PLACE1002115
 C-PLACE1002213
 C-PLACE1002342//Homo sapiens mRNA for KIAA0728 protein, partial cds.//0//1657bp//98%/AB018271
 C-PLACE1002450//Human zinc finger protein mRNA, complete cds.//0//2565bp//99%/U69274
 55 C-PLACE1002474//Mus musculus matrilin-2 precursor mRNA, complete cds.//0//2092bp//84%/U69262
 C-PLACE1002499
 C-PLACE1002578
 C-PLACE1002714

EP 1 074 617 A2

C-PLACE1002772
 C-PLACE1002775//PEREGRIN (BR140 PROTEIN).//3.80E-13//272aa//28%//P55201
 C-PLACE1002834//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//5.50E-203//396aa//86%//
 P51522
 5 C-PLACE1002993
 C-PLACE1003030//Homo sapiens snRNA activating protein complex 190kD subunit (SNAP190) mRNA, complete
 cds.//8.50E-44//225bp//100%//AF032387
 C-PLACE1003205
 C-PLACE1003249
 10 C-PLACE1003493//ENDOTHELIAL CELL MULTIMERIN PRECURSORS.//1.70E-23//594aa//33%//P28481
 C-PLACE1003553
 C-PLACE1003592
 C-PLACE1003596//OLIGOSACCHARYL TRANSFERASE STT3 SUBUNIT HOMOLOG.//2.60E-93//270aa//66%//
 P46975
 15 C-PLACE1003669//TRICHOHYALIN.//5.60E-09//219aa//30%//P22793
 C-PLACE1003709//Homo sapiens mitotic checkpoint kinase Bub1 (BUB1) mRNA, complete cds.//6.20E-282//
 1316bp//98%//AF053305
 C-PLACE1003870
 C-PLACE1003885//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYLTRANS-
 20 FERASE).//3.70E-222//651aa//66%//P25500
 C-PLACE1003892
 C-PLACE1003900
 C-PLACE1004336
 C-PLACE1004384
 25 C-PLACE1004425
 C-PLACE1004471//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//2.90E-56//276aa//41%//
 P51522
 C-PLACE1004506//Homo sapiens carboxyl terminal LIM domain protein (CLIM1) mRNA, complete cds.//2.10E-
 16//402bp//62%//U90878
 30 C-PLACE1004518
 C-PLACE1004550//Homo sapiens CGI-20 protein mRNA, complete cds.//3.50E-274//1305bp//97%//AF132954
 C-PLACE1004681
 C-PLACE1004693
 C-PLACE1004716//Homo sapiens HSPC038 protein mRNA, complete cds.//2.70E-103//586bp//91%//AF125099
 35 C-PLACE1004815
 C-PLACE1004836
 C-PLACE1004838
 C-PLACE1004840
 C-PLACE1004900
 40 C-PLACE1004985
 C-PLACE1005085
 C-PLACE1005086
 C-PLACE1005108
 C-PLACE1005146
 45 C-PLACE1005409
 C-PLACE1005453
 C-PLACE1005477
 C-PLACE1005557//60S RIBOSOMAL PROTEIN L27.//1.90E-11//60aa//48%//P46288
 C-PLACE1005595
 50 C-PLACE1005603
 C-PLACE1005639
 C-PLACE1005727//Homo sapiens STRIN protein (STRIN) mRNA, complete cds.//2.00E-118//378bp//98%//
 AF162680
 C-PLACE1005799
 55 C-PLACE1005813//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds.//0//2040bp//99%//AF065482
 C-PLACE1005884
 C-PLACE1005968
 C-PLACE1006002

EP 1 074 617 A2

C-PLACE1006003//Homo sapiens CGI-94 protein mRNA, complete cds.//2.40E-177//829bp//99%//AF151852
 C-PLACE1006017
 C-PLACE1006037
 C-PLACE1006076
 5 C-PLACE1006143
 C-PLACE1006248//Homo sapiens mRNA for KIAA0648 protein, partial cds.//0//1489bp//100%//AB014548
 C-PLACE1006288//VOLTAGE-DEPENDENT ANION-SELECTIVE CHANNEL PROTEIN 1 (VDAC1) (PLASMA-
 LEMMAL PORIN) (OUTER MITOCHONDRIAL MEMBRANE PROTEIN PORIN) (PORIN 31HL) (PORIN 31HM).//
 4.60E-117//147aa//80%//P21796
 10 C-PLACE1006318//Mus musculus skm-BOP2 (Bop) mRNA, complete cds.//3.00E-07//376bp//59%//U76374
 C-PLACE1006368//HYALURONAN-MEDIATED MOTILITY RECEPTOR (HYALURONIC ACID RECEPTOR).//
 1.30E-18//460aa//24%//Q00547
 C-PLACE1006371
 C-PLACE1006469//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- AC-
 15 TIVATING ENZYME).//1.20E-83//313aa//49%//P27550
 C-PLACE1006506//Homo sapiens anaphase-promoting complex subunit 4 (APC4) mRNA, complete cds.//0//
 2170bp//99%//AF191338
 C-PLACE1006521
 C-PLACE1006534//Homo sapiens mRNA; cDNA DKFZp564G1964 (from clone DKFZp564G1964).//1.70E-192//
 20 883bp//99%//AL110144
 C-PLACE1006617
 C-PLACE1006640
 C-PLACE1006754//BILIARY GLYCOPROTEIN 1 PRECURSOR (BGP-1) (ANTIGEN CD66) (CD66A ANTIGEN).//
 6.20E-63//191aa//43%//P13688
 25 C-PLACE1006760
 C-PLACE1006779
 C-PLACE1006805
 C-PLACE1006815
 C-PLACE1006867
 30 C-PLACE1007045
 C-PLACE1007097
 C-PLACE1007111
 C-PLACE1007112
 C-PLACE1007140//Homo sapiens mRNA for KIAA1009 protein, complete cds.//0//3492bp//99%//AB023226
 35 C-PLACE1007218
 C-PLACE1007454
 C-PLACE1007478
 C-PLACE1007677
 C-PLACE10077057//Mus musculus mRNA for Ndr1 related protein Ndr3, complete cds.//1.10E-184//1096bp//
 40 82%//AB033922
 C-PLACE1007737
 C-PLACE1007743
 C-PLACE1007852//Homo sapiens mRNA for KIAA0878 protein, complete cds.//1.00E-232//1174bp//94%//
 AB020685
 45 C-PLACE1007877
 C-PLACE1008045
 C-PLACE1008080//Homo sapiens mRNA for HEXIM1 protein, complete cds.//0//2152bp//99%//AB021179
 C-PLACE1008111//PROBABLE OXIDOREDUCTASE (EC 1.-.-.-).//3.00E-25//208aa//37%//Q03326
 C-PLACE1008201//Rattus rattus zinc finger protein, complete cds.//0//2265bp//83%//L23077
 50 C-PLACE1008231
 C-PLACE1008244//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//9.50E-21//148aa//38%//Q00808
 C-PLACE1008330//EOSINOPHIL LYSOPHOSPHOLIPASE (EC 3.1.1.5) (CHARCOT-LEYDEN CRYSTAL PRO-
 TEIN) (LYSOLECITHIN ACYLHYDROLASE) (CLC) (GALACTIN- 10).//2.20E-23//94aa//47%//Q05315
 C-PLACE1008331
 55 C-PLACE1008369
 C-PLACE1008392
 C-PLACE1008405
 C-PLACE1008424

C-PLACE1008584
 C-PLACE1008625
 C-PLACE1008630
 5 C-PLACE1008643//INTER-ALPHA-TRYPSIN INHIBITOR HEAVY CHAIN H2 PRECURSOR (ITI HEAVY CHAIN H2).//5.20E-90//483aa//38%//002668
 C-PLACE1008715
 C-PLACE1008748
 C-PLACE1008757
 C-PLACE1008798
 10 C-PLACE1008851
 C-PLACE1008947
 C-PLACE1009039
 C-PLACE1009048
 C-PLACE1009050
 15 C-PLACE10091137//Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3) mRNA, complete cds.//0//2529bp//99%//AF035586
 C-PLACE1009150
 C-PLACE1009200
 C-PLACE1009246//POLLEN SPECIFIC PROTEIN SF3.//4.40E-16//82aa//43%//P29675
 20 C-PLACE1009298//Homo sapiens vacuolar sorting protein 35 (VPS35) mRNA, complete cds.//0//2262bp//99%//AF191298
 C-PLACE1009308//GLUCOSE REPRESSION MEDIATOR PROTEIN.//4.00E-06//439aa//23%//P14922
 C-PLACE1009398//ZINC FINGER PROTEIN 135.//6.20E-97//361aa//51%//P52742
 C-PLACE1009410
 25 C-PLACE1009477//Homo sapiens mRNA for KIAA0684 protein, partial cds.//6.50E-148//592bp//99%//AB014584
 C-PLACE1009493
 C-PLACE1009539
 C-PLACE1009595
 C-PLACE1009637
 30 C-PLACE1009639
 C-PLACE1009798//RLR1 PROTEIN.//1.60E-18//270aa//23%//P53552
 C-PLACE1009861//CATHEPSIN B-LIKE CYSTEINE PROTEINASE 6 PRECURSOR (EC 3.4.22.-).//6.50E-28//209aa//38%//P43510
 C-PLACE1009888
 35 C-PLACE1009925//Homo sapiens RNA helicase (RIG-I) mRNA, complete cds.//0//1730bp//99%//AF038963
 C-PLACE1009947
 C-PLACE1010069
 C-PLACE1010089//Homo sapiens mRNA for KIAA1097 protein, partial cds.//0//1554bp//100%//AB029020
 C-PLACE1010231//CELL SURFACE GLYCOPROTEIN EMR1 PRECURSOR (EMR1 HORMONE RECEPTOR).//5.10E-27//371aa//28%//Q14246
 40 C-PLACE1010270
 C-PLACE1010562
 C-PLACE1010579//Homo sapiens PTB domain adaptor protein CED-6 mRNA, complete cds.//9.30E-299//1362bp//99%//AF200715
 45 C-PLACE1010624
 C-PLACE1010628//Homo sapiens S164 gene, partial cds; PS1 and hypothetical protein genes, complete cds; and S171 gene, partial cds.//7.50E-08//324bp//64%//AF109907
 C-PLACE1010662//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-) (DUGT).//1.80E-222//808aa//52%//Q09332
 50 C-PLAC.E1010702//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6).//5.20E-151//427aa//55%//P28160
 C-PLACE1010761
 C-PLACE1010802 C-PLACE1010833//CALTRACTIN (CENTRIN).//0.0000001//154aa//28%//P41209
 C-PLACE1010896//NUF1 PROTEIN (SPINDLE POLY BODY SPACER PROTEIN SPC110).//1.50E-25//583aa//23%//P35580
 55 C-PLACE1010916
 C-PLACE1010947
 C-PLACE1010965
 C-PLACE1011032

C-PLACE1011041//Homo sapiens mRNA for BAP2-alpha protein, complete cds.//0//1701bp//97%//AB015019
 C-PLACE1011056//HISTONE H1, GONADAL.//6.80E-13//154aa//37%//P02256
 C-PLACE1011090//Homo sapiens mRNA; cDNA DKFZp586A0522 (from clone DKFZp586A0522).//0//880bp//
 99%//AL050159
 5 C-PLACE1011160//Homo sapiens HFB30 mRNA, complete cds.//0//1691bp//99%//AB022663
 C-PLACE1011214
 C-PLACE1011229//Homo sapiens ubiquitin-specific protease homolog (UPH) mRNA, complete cds.//2.30E-152//
 701bp//99%//AF153604
 C-PLACE1011273
 10 C-PLACE1011291
 C-PLACE1011310//MYOSIN HEAVY CHAIN, GIZZARD SMOOTH MUSCLE.//3.50E-20//496aa//25%//P10587
 C-PLACE1011371//INTER-ALPHA-TRYPSIN INHIBITOR HEAVY CHAIN H2 PRECURSOR (ITI HEAVY CHAIN
 H2).//1.70E-78//383aa//39%//Q61703
 C-PLACE1011503
 15 C-PLACE1011635//Homo sapiens heparan sulfate D-glucosaminyl 3-O-sulfotransferase-3B (30ST3B1) mRNA,
 complete cds.//0//1559bp//99%//AF105377
 C-PLACE1011646//Homo sapiens clone 25059 mRNA sequence.//5.00E-223//1035bp//99%//AF131752
 C-PLACE1011650
 C-PLACE1011675
 20 C-PLACE1011725
 C-PLACE1011749
 C-PLACE1011922//MYOSIN HEAVY CHAIN, NONMUSCLE TYPE B (CELLULAR MYOSIN HEAVY CHAIN, TYPE
 B) (NMMHC-B).//1.30E-15//409aa//27%//P35580
 C-PLACE1012031//Homo sapiens mRNA for KIAA0713 protein, partial cds.//0//1163bp//100%//AB018256
 25 C-PLACE2000006
 C-PLACE2000007//Homo sapiens mRNA for KIAA0913 protein, partial cds.//0//1968bp//97%//AB020720
 C-PLACE2000034//LAR PROTEIN PRECURSOR (LEUKOCYTE ANTIGEN RELATED) (EC 3.1.3.48).//2.20E-29//
 212aa//35%//P10586
 C-PLACE2000039//Rattus norvegicus cytoplasmic dynein heavy chain (MAP 1C), mRNA, complete cds.//4.60E-
 30 291//1167bp//89%//L08505
 C-PLACE2000061
 C-PLACE2000072//Homo sapiens ZNF202 beta (ZNF202) mRNA, complete cds.//0//3174bp//99%//AF027219
 C-PLACE2000097
 C-PLACE2000103
 35 C-PLACE2000115
 C-PLACE2000124
 C-PLACE2000140
 C-PLACE2000164//TIPD PROTEIN.//2.10E-59//481aa//33%//O15736
 C-PLACE2000176
 40 C-PLACE2000223
 C-PLACE2000235
 C-PLACE2000274//DYNEIN BETA CHAIN, CILIARY.//2.20E-167//880aa//37%//P23098
 C-PLACE2000302
 C-PLACE2000347
 45 C-PLACE2000359
 C-PLACE2000371//TENSIN.//2.90E-78//561aa//37%//Q04205
 C-PLACE2000379
 C-PLACE2000399//T-CELL SURFACE GLYCOPROTEIN E2 PRECURSOR (E2 ANTIGEN) (CD99) (MIC2 PRO-
 TEIN) (12E7).//1.60E-14//180aa//39%//P14209
 50 C-PLACE2000404//PROBABLE LEUCYL-TRNA SYNTHETASE (EC 6.1.1.4) (LEUCINE-TRNA LIGASE)
 (LEURS).//9.90E-229//821aa//54%//Q09996
 C-PLACE2000450
 C-PLACE2000455
 C-PLACE3000059//Mus musculus mRNA for ubiquitin conjugating enzyme.//0//1979bp//90%//Y17267
 55 C-PLACE3000070
 C-PLACE3000119
 C-PLACE3000121//VESICULAR TRAFFIC CONTROL PROTEIN SEC15.//1.90E-08//281 aa//22%//P22224
 C-PLACE3000136

C-PLACE3000147//Homo sapiens metalloproteinase with thrombospondin type 1 motifs ADAMTS1 (ADAMTS1) mRNA, complete cds.//0//2043bp//99%//AF170084
 C-PLACE3000148
 5 C-PLACE3000155//Homo sapiens mRNA for KIAA0672 protein, complete cds.//2.10E-75//382bp//99%//AB014572
 C-PLACE3000160
 C-PLACE3000169//ZINC FINGER PROTEIN 135.//2.50E-90//358aa//47%//P52742
 C-PLACE3000194
 C-PLACE3000199
 10 C-PLACE3000218//Homo sapiens putative protein O-mannosyltransferase (POMT2) mRNA, complete cds.//0//1862bp//98%//AF105020
 C-PLACE3000230
 C-PLACE3000244//PROTEIN TSG24 (MEIOTIC CHECK POINT REGULATOR).//0//1435aa//92%//P53995
 C-PLACE3000254//Homo sapiens transcriptional activator SRCAP (SRCAP) mRNA, complete cds.//0//4583bp//83%//AF143946
 15 C-PLACE3000276
 C-PLACE3000310
 C-PLACE3000320
 C-PLACE3000331
 20 C-PLACE3000339//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//9.60E-08//359aa//23 %//P08640
 C-PLACE3000352
 C-PLACE3000353//Homo sapiens mRNA; cDNA DKFZp586H0623 (from clone DKFZp586H0623).//0//2456bp//99%//AL096739
 25 C-PLACE3000362
 C-PLACE3000365
 C-PLACE3000388
 C-PLACE3000413
 C-PLACE3000425
 30 C-PLACE4000009//MYOSIN HEAVY CHAIN, NONMUSCLE TYPE B (CELLULAR MYOSIN HEAVY CHAIN, TYPE B) (NMMHC-B).//2.90E-54//626aa//29%//P35580
 C-PLACE4000014//X-LINKED HELICASE II (X-LINKED NUCLEAR PROTEIN) (XNP).//3.10E-111//348aa//41%//P46100
 C-PLACE4000052//Homo sapiens ATP cassette binding transporter 1 (ABC1) mRNA, complete cds.//0//4661bp//99%//AF165281
 35 C-PLACE4000089
 C-PLACE4000128//Mus musculus putative transcription factor mRNA, complete cds.//1.60E-86//190aa//88%//AF091234
 C-PLACE4000129
 40 C-PLACE4000147
 C-PLACE4000192//ZINC FINGER PROTEIN 142 (KIAA0236) (HA4654).//7.00E-22//369aa//25%//P52746
 C-PLACE4000211//Homo sapiens TTF-I interacting peptide 5 mRNA, partial cds.//1.70E-262//1217bp//98%//AF000422
 C-PLACE4000222
 45 C-PLACE4000269//Homo sapiens mRNA for KIAA1067 protein, partial cds.//0//3787bp//99%//AB028990
 C-PLACE4000270
 C-PLACE4000300
 C-PLACE4000387
 C-PLACE4000392
 50 C-PLACE4000431//H.sapiens gene for U5 snRNP-specific 200kD protein.//0//5142bp//90%//Z70200
 C-PLACE4000450//Homo sapiens TTF-I interacting peptide 5 mRNA, partial cds.//2.70E-261//1217b.p//98%//AF000422
 C-PLACE4000465
 55 C-PLACE4000489//PROTEIN GRAINY-HEAD (DNA-BINDING PROTEIN ELF-1) (ELEMENT I-BINDING ACTIVITY) (TRANSCRIPTION FACTOR NTF-1).//5.70E-60//254aa//44%//P13002
 C-PLACE4000654//Mus musculus mRNA for ubiquitin conjugating enzyme.//0//6340bp//87%//Y17267
 C-SKNMC1000011//PUTATIVE IMPORTIN BETA-4 SUBUNIT (KARYOPHERIN BETA-4 SUBUNIT).//5.50E-35//431aa//29%//O60100

C-SKNMC1000046//Homo sapiens liprin-alpha3 mRNA, partial cds.//1.90E-162//749bp//99%//AF034800
 C-SKNMC1000050//CALPAIN 2, LARGE [CATALYTIC] SUBUNIT (EC 3.4.22.17) (CALCIUM-ACTIVATED NEUTRAL PROTEINASE) (CANP) (M-TYPE).//3.20E-41//87aa//98%//P17655
 C-THYRO1000034//TRICHOHYALIN.//9.40E-10//176aa//30%//P37709
 5 C-THYRO1000070
 C-THYRO1000072//MYOSIN LIGHT CHAIN KINASE, SMOOTH MUSCLE AND NON-MUSCLE ISOZYMES (EC 2.7.1.117) (MLCK) [CONTAINS: TELOKIN].//3.40E-16//201aa//29%//P11799
 C-THYRO1000092
 C-THYRO1000121//Homo sapiens mRNA for KIAA1116 protein, complete cds.//0//2159bp//99%//AB029039
 10 C-THYRO1000124
 C-THYRO1000197//Homo sapiens mRNA for poly(A)-specific ribonuclease.//0//2362bp//99%//AJ005698
 C-THYRO1000199//Homo sapiens mRNA for KIAA0652 protein, complete cds.//0//1409bp//98%//AB014552
 C-THYRO1000206
 C-THYRO1000242//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//5.00E-118//239aa//66%//
 15 P51523
 C-THYRO1000253
 C-THYRO1000270
 C-THYRO1000288//Homo sapiens mRNA for Hs Ste24p, complete cds.//0//2161bp//99%//AB016068
 C-THYRO1000320
 20 C-THYRO1000358//SELENIUM-BINDING LIVER PROTEIN.//2.30E-229//237aa//79%//P17563
 C-THYRO1000368
 C-THYRO1000381
 C-THYRO1000387
 C-THYRO1000394//Homo sapiens peroxisomal membrane protein PMP 24 mRNA, complete cds.//1.20E-299//
 25 1325bp//99%//AF072864
 C-THYRO10003957//Homo sapiens actin-binding protein (IPP) mRNA, complete cds.//0//2092bp//99%//AF156857
 C-THYRO1000401
 C-THYRO1000488//Homo sapiens HFB30 mRNA, complete cds.//0//2254bp//100%//AB022663
 C-THYRO1000501//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A))(RO(SS-A)).//
 30 4.20E-98//408aa//42%//P19474
 C-THYRO1000558
 C-THYRO1000570
 C-THYRO1000605//Homo sapiens histone acetyltransferase (HBOa) mRNA, complete cds.//0//3080bp//99%//
 AF140360
 35 C-THYRO1000625
 C-THYRO1000637
 C-THYRO1000676
 C-THYRO1000684//Homo sapiens mRNA for KIAA0872 protein, complete cds.//0//2131bp//99%//AB020679
 C-THYRO1000712
 40 C-THYRO1000805
 C-THYRO1000815
 C-THYRO1000855
 C-THYRO1000934//PYRROLINE-5-CARBOXYLATE REDUCTASE (EC 1.5.1.2) (P5CR) (P5C REDUCTASE).//
 7.50E-57//315aa//43%//P32322
 45 C-THYRO1000988
 C-THYRO1001033//TRANSFORMATION-SENSITIVE PROTEIN IEF SSP 3521.//8.40E-12//167aa//29%//P31948
 C-THYRO1001120//Mus musculus FX-induced thymoma transcript (FXI-T1) mRNA, complete cds.//1.90E-92//
 1479bp//66%//U38252
 C-THYRO1001204//Homo sapiens cathepsin Z precursor (CTSZ) gene, exons 4, 5, and 6 and complete cds; and
 50 TH1 gene partial sequence.//3.80E-100//478bp//99%//AF136276
 C-THYRO1001262
 C-THYRO1001271
 C-THYRO1001287//MANNOSYL-OLIGOSACCHARIDE ALPHA-1,2-MANNOSIDASE (EC 3.2.1.113) (MAN(9)-
 ALPHA-MANNOSIDASE) (FRAGMENT).//3.40E-51//429aa//33%//P45701
 55 C-THYRO1001313//Homo sapiens sorting nexin 11 (SNX11) mRNA, complete cds.//0//2330bp//94%//AF121861
 C-THYRO1001347
 C-THYRO1001363//Homo sapiens mRNA; cDNA DKFZp56400423 (from clone DKFZp56400423).//0//2173bp//
 99%//AL080120

C-THYRO1001374//Homo sapiens mRNA for KIAA0707 protein, partial cds.//0//1700bp//99%//AB014607
 C-THYRO1001403
 C-THYRO1001405//PLECTIN.//6.90E-19//450aa//27%//P30427
 C-THYRO1001406//Homo sapiens steroid dehydrogenase homolog mRNA, complete cds.//0//1676bp//98%//
 5 AF078850
 C-THYRO1001426
 C-THYRO1001458//MYOSIN HEAVY CHAIN, NONMUSCLE TYPE B (CELLULAR MYOSIN HEAVY CHAIN, TYPE B) (NMMHC-B).//2.70E-171//559aa//59%//P35580
 C-THYRO1001480
 10 C-THYRO1001487
 C-THYRO1001584
 C-THYRO1001661
 C-THYRO1001746
 C-THYRO1001772
 15 C-THYRO1001854
 C-Y79AA1000013//Mus musculus RING finger protein A07 mRNA, complete cds.//8.90E-205//1435bp//81 %//
 AF171060
 C-Y79AA1000033//Homo sapiens CARD4 mRNA, complete cds.//0//2929bp//96%//AF126484
 C-Y79AA1000231//Homo sapiens nucleolar protein NOP5/NOP58 mRNA, complete cds.//0//1515bp//99%//
 20 AF123534
 C-Y79AA1000342//Homo sapiens Ciz1 mRNA, complete cds.//0//2644bp//81%//AB030835
 C-Y79AA1000349//M.musculus Spnr mRNA for RNA binding protein.//0//2048bp//93%//X84692
 C-Y79AA1000410
 C-Y79AA1000539
 25 C-Y79AA1000589//Homo sapiens clone 614 unknown mRNA, complete sequence.//1.00E-302//1375bp//99%//
 AF091080
 C-Y79AA1000802
 C-Y79AA1000827
 C-Y79AA1000966//Homo sapiens COP9 complex subunit 4 mRNA, complete cds.//0//1586bp//99%//AF100757
 30 C-Y79AA1000969
 C-Y79AA1000985//Human centrosomal protein kendrin mRNA, complete cds.//4.70E-151//985bp//87%//U52962
 C-Y79AA1001061
 C-Y79AA1001068
 C-Y79AA1001216
 35 C-Y79AA1001299//Homo sapiens mRNA for integrase interactor 1b protein (INI1B).//0//996bp//99%//AJ011738
 C-Y79AA1001511
 C-Y79AA1001594//HYALURONAN-MEDIATED MOTILITY RECEPTOR (HYALURONIC ACID RECEPTOR).//
 2.50E-14//410aa//24%//Q00547
 C-Y79AA1001692//Mus musculus strain C57BL/J germ cell-less protein (Gcl) mRNA, complete cds.//1.40E-78//
 40 227aa//40%//Q01820
 C-Y79AA1001866//Homo sapiens zinc finger protein ZNF180 (ZNF180) mRNA, complete cds.//0//2927bp//97%//
 AF192913
 C-Y79AA1001874//OX40L RECEPTOR PRECURSOR (ACT35 ANTIGEN) (TAX-TRANSCRIPTIONALLY ACTI-
 VATED GLYCOPROTEIN 1 RECEPTOR) (CD134 ANTIGEN).//4.50E-08//135aa//31%//P43489
 45 C-Y79AA1002139//DNAJ PROTEIN HOMOLOG 1 (DROJ1).//9.00E-17//120aa//45%//Q24133
 C-Y79AA1002210//YTUMOR NECROSIS FACTOR, ALPHA-INDUCED PROTEIN 1, ENDOTHELIAL (B12 PRO-
 TEIN).//0.0000018//140aa//25%//Q13829
 C-Y79AA1002211//PHOSPHATIDYLETHANOLAMINE-BINDING PROTEIN HOMOLOG F40A3.3.//1.70E-17//
 146aa//35%//016264
 50 C-Y79AA1002220
 C-Y79AA1002234//Homo sapiens mRNA for KIAA0692 protein, partial cds.//0//3168bp//99%//AB014592
 C-Y79AA1002258//Homo sapiens mRNA for HIP1R, complete cds.//0//2106bp//99%//AB013384
 C-Y79AA1002361//Rattus norvegicus mRNA for protein phosphatase 1 (GL-subunit).//6.90E-140//966bp//82%//
 Y18208
 55 C-Y79AA1002399//Homo sapiens mRNA for sperm protein.//0//1163bp//95%//X91879
 C-Y79AA1002416//Mus musculus CTP synthetase homolog (CTPsh) mRNA, complete cds.//3.9e-317//1902bp//
 86%//U49385
 C-Y79AA1002431//TRANSDUCIN-LIKE ENHANCER PROTEIN 2 (ESG2).//9.80E-62//318aa//35%//Q04725

C-Y79AA1002482//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//2.70E-137//340aa//
 51%//Q05481
 C-Y79AA1002487//Homo sapiens chromosome 5 F-box protein Fbx4 (FBX4) mRNA, complete cds.//7.3e-310//
 1444bp//98%//AF129534
 5 C-HEMBA1000290
 C-HEMBA1000459
 C-HEMBA1000505
 C-HEMBA1001196//Human DNA topoisomerase II (top2) mRNA, complete cds.//1.60E-268//1213bp//100%//
 J04088
 10 C-HEMBA1002503
 C-HEMBA1002508
 C-HEMBA1002513//Homo sapiens mRNA for histone deacetylase-like protein (JM21).//0//2432bp//99%//
 AJ011972
 C-HEMBA1003480
 15 C-HEMBA1003538//COMPLEMENT C1R COMPONENT PRECURSOR (EC 3.4.21.41).//2.40E-110//242aa//
 58%//P00736
 C-HEMBA10036451//TPD PROTEIN.//2.40E-10//289aa//23%//I015736
 C-HEMBA1003646//Homo sapiens mRNA for KIAA1013 protein, partial cds.//0//3049bp//99%//AB023230
 C-HEMBA1003667
 20 C-HEMBA1003679//SIALIDASE (EC 3.2.1.18) (NEURAMINIDASE) (NA) (MAJOR SURFACE ANTIGEN).//1.00E-
 09//611aa//22%//P23253
 C-HEMBA1003827
 C-HEMBA1003838
 C-HEMBA1004055
 25 C-HEMBA1004056
 C-HEMBA1004086
 C-HEMBA1004335
 C-HEMBA1004353//C-MYC BINDING PROTEIN MM-1.//3.00E-71//89aa//96%//Q99471
 C-HEMBA1004479//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT INTERACTING PRO-
 30 TEIN).//3.10E-51//152aa//40%//Q61221
 C-HEMBA1004499//Homo sapiens delta-tubulin mRNA, complete cds.//3.40E-92//483bp//95%//AF201333
 C-HEMBA1004507
 C-HEMBA1004638
 C-HEMBA1004669//SON PROTEIN (SON3).//7.30E-17//288aa//36%//P18583
 35 C-HEMBA1004709
 C-HEMBA1004860
 C-HEMBA1005206//Drosophila simulans anon73B1 gene and Su(P) gene.//1.90E-11//376bp//63%//AJ250308
 C-HEMBA1005472
 C-HEMBA1005513//MALES-ABSENT ON THE FIRST PROTEIN (EC 2.3.1.-).//1.90E-129//332aa//61%//I002193
 40 C-HEMBA1005572
 C-HEMBA1005780
 C-HEMBA1005990//Homo sapiens I-1 receptor candidate protein mRNA, complete cds.//0//2371bp//100%//
 AF082516
 C-HEMBA1006038//LAMININ ALPHA-5 CHAIN (FRAGMENT).//3.10E-33//81aa//64%//Q61001
 45 C-HEMBA1006124
 C-HEMBA1006461
 C-HEMBA1006521//3-OXOACYL-[ACYL-CARRIER PROTEIN] REDUCTASE (EC 1.1.1.100) (3-KETOACYL-
 ACYL CARRIER PROTEIN REDUCTASE).//4.00E-33//177aa//42%//P25716
 C-HEMBA1006617
 50 C-HEMBA1006650//ARP2/3 COMPLEX 20 KD SUBUNIT (P20-ARC).//9.00E-40//113aa//82%//I015509
 C-HEMBA1006779
 C-HEMBA1006796
 C-HEMBA1006812
 C-HEMBA1006914//Human anthracycline-associated resistance ARX mRNA, complete cds.//0//1837bp//99%//
 55 U35832
 C-HEMBA1007174//Homo sapiens mRNA for KIAA1065 protein, complete cds.//0//1079bp//97%//AB028988
 C-HEMBA1000240
 C-HEMBA1000264//CHL1 PROTEIN.//9.50E-19//104aa//45%//P22516

C-HEMBB1000335
 C-HEMBB1000337
 C-HEMBB1000554
 C-HEMBB1000573
 5 C-HEMBB1000749
 C-HEMBB1000774
 C-HEMBB1000835
 C-HEMBB1001197
 C-HEMBB1001315
 10 C-HEMBB1001482//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//2.10E-57//941aa//
 27%//Q05481
 C-HEMBB1001500
 C-HEMBB1001562//CYLICIN II (MULTIPLE-BAND POLYPEPTIDE II).//1.40E-06//373aa//21%//Q28092
 C-HEMBB1001619
 15 C-HEMBB1001630
 C-HEMBB1001665
 C-HEMBB1001684//Homo sapiens mRNA for KIAA1108 protein, partial cds.//0//2348bp//99%//AB029031
 C-HEMBB1001812
 C-HEMBB1001834
 20 C-HEMBB1001869
 C-HEMBB1001871//BONE/CARTILAGE PROTEOGLYCAN I PRECURSOR (BIGLYCAN) (PG-S 1).//5.40E-75//
 241aa//48%//P47853
 C-HEMBB1001872//CELL SURFACE GLYCOPROTEIN EMR1 PRECURSOR (EMR1 HORMONE RECEPTOR)
 (CELL SURFACE GLYCOPROTEIN F4/80).//1.90E-22//210aa//27%//Q61549
 25 C-HEMBB1001905//TRICHOHYALIN.//2.10E-10//268aa//27%//P37709
 C-HEMBB1001908//Human monocytic leukaemia zinc finger protein (MOZ) mRNA, complete cds.//1.60E-131//
 874bp//86%//U47742
 C-HEMBB1001915//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 64E (EC 3.1.2.15) (UBIQUITIN THI-
 OLESTERASE 64E) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 64E) (DEUBIQUITINATING ENZYME
 30 64E).//6.90E-132//561aa//50%//Q24574
 C-HEMBB1001925
 C-HEMBB1002044//Mus musculus mRNA for vascular cadherin-2.//0//3562bp//81%//Y08715
 C-HEMBB1002134//ZINC-FINGER PROTEIN NEURO-D4.//8.10E-56//176aa//67%//P56163
 C-HEMBB1002152
 35 C-HEMBB1002300
 C-HEMBB1002381
 C-HEMBB1002383
 C-HEMBB1002534
 C-MAMMA1000143
 40 C-MAMMA1000183//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//3.40E-134//359aa//63%//
 P51523
 C-MAMMA1000227
 C-MAMMA1000257
 C-MAMMA1000264
 45 C-MAMMA1000270
 C-MAMMA1000279
 C-MAMMA1000372
 C-MAMMA1000559
 C-MAMMA1000752
 50 C-MAMMA1000760
 C-MAMMA1000778
 C-MAMMA1000855
 C-MAMMA1000859
 C-MAMMA1000897//INTER-ALPHA-TRYPSIN INHIBITOR HEAVY CHAIN H3 PRECURSOR (ITI HEAVY CHAIN
 55 H3) (SERUM-DERIVED HYALURONAN-ASSOCIATED PROTEIN) (SHAP).//1.00E-141//576aa//37%//Q06033
 C-MAMMA1000940
 C-MAMMA1001073
 C-MAMMA1001080//Homo sapiens SNC73 protein (SNC73) mRNA, complete cds.//1.6e-312//1596bp//94%//

AF067420

C-MAMMA10011987/Homo sapiens eps15RmRNA, partial cds.//0//2253bp//99%//AB015346

C-MAMMA1001202

C-MAMMA1001222//EBNA-2 NUCLEAR PROTEIN.//6.60E-09//255aa//29%//P12978

5 C-MAMMA1001252

C-MAMMA1001296

C-MAMMA1001502

C-MAMMA1001630

C-MAMMA1001633//ZINC FINGER PROTEIN 165.//6.30E-39//160aa//55%//P49910

10 C-MAMMA1001683

C-MAMMA1001715

C-MAMMA1001730//Homo sapiens brain and nasopharyngeal carcinoma susceptibility protein NSG-x mRNA, partial cds.//0//1603bp//99%//AF095687

C-MAMMA1001760

15 C-MAMMA1001769

C-MAMMA1001785

C-MAMMA1001848

C-MAMMA1001874

C-MAMMA1001956

20 C-MAMMA1002009

C-MAMMA1002033

C-MAMMA1002155

C-MAMMA1002498

C-MAMMA1002545

25 C-MAMMA1002571

C-MAMMA1002573//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3)(GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//2.60E-19//666aa//23%//P08640

C-MAMMA1002590

C-MAMMA1002617//ZINC FINGER PROTEIN 135.//7.60E-89//252aa//57%//P52742

30 C-MAMMA1002618

C-MAMMA1002636

C-MAMMA1002646

C-MAMMA1002665

C-MAMMA1002708

35 C-MAMMA1002728

C-MAMMA1002744

C-MAMMA1002764

C-MAMMA1002765

C-MAMMA1002830

40 C-MAMMA1002844//TRIOSE PHOSPHATE/PHOSPHATE TRANSLOCATOR, NON-GREEN PLASTID PRECURSOR (CTPT).//4.90E-10//334aa//22%//P52178

C-MAMMA100285 8//Rat cMG1 mRNA.//3.70E-238//1147bp//92%//X52590

C-MAMMA1002880

C-MAMMA1002892

45 C-MAMMA1002909

C-MAMMA1002941

C-MAMMA1002947

C-MAMMA1002972//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS27.//1.10E-05//69aa//42%//P40343

50 C-MAMMA1002973

C-MAMMA1002987

C-MAMMA1003003

C-MAMMA1003026//Homo sapiens HSPC057 mRNA, complete cds.//0//1773bp//98%//AF161542

C-MAMMA1003031

55 C-MAMMA1003089

C-NT2RM1000092//MULTIDRUG RESISTANCE PROTEIN 2 (MULTIDRUG-EFFLUX TRANSPORTER 2).//1.00E-07//362aa//23%//P39843

C-NT2RM1000272

C-NT2RM1000341
 C-NT2RM1000539//Homo sapiens mRNA for Lsm5 protein.//3.00E-158//733bp//99%//AJ238097
 C-NT2RM1000553//Homo sapiens putative glycolipid transfer protein mRNA, complete cds.//3.40E-177//814bp//99%//AF103731
 5 C-NT2RM1000623//RIBONUCLEASE INHIBITOR.//4.40E-21//372aa//30%//P10775
 C-NT2RM1000702//PUTATIVE SERINE/THREONINE-PROTEIN KINASE PKWA (EC 2.7.1.-).//5.60E-08//187aa//27%//P49695
 C-NT2RM1000833//Homo sapiens sec61 homolog mRNA, complete cds.//0//3541bp//99%//AF084458
 10 C-NT2RM1000883//Homo sapiens I-1 receptor candidate protein mRNA, complete cds.//0//5107bp//99%//AF082516
 C-NT2RM1001082
 C-NT2RM1001112
 C-NT2RM2001105//Drosophila melanogaster eyelid (eld) mRNA, complete cds.//1.20E-28//805bp//61%//AF053091
 15 C-NT2RM2001360//Homo sapiens clone C40 unknown mRNA.//1.00E-250//1136bp//100%//AF103798
 C-NT2RM2001797//Homo sapiens mRNA; cDNA DKFZp572C163 (from clone DKFZp572C163); partial cds.//0//2300bp//100%//AL110217
 C-NT2RM2001803//Homo sapiens IkappaB kinase cbmplex associated protein (IKAP) mRNA, complete cds.//0//2249bp//99%//AF044195
 20 C-NT2RM4002504
 C-NT2RP1000409
 C-NT2RP1000460//Homo sapiens mRNA for KIAA1068 protein, partial cds.//0//3199bp//99%//AB028991
 C-NT2RP1000746//Homo sapiens 60S acidic ribosomal protein PO mRNA, complete cds.//9.70E-196//901bp//99%//AF173378
 25 C-NT2RP1000796
 C-NT2RP1001013//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//7.70E-253//425aa//98%//P51522
 C-NT2RP2001214
 C-NT2RP2001233//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//2.00E-128//409aa//45%//Q05481
 30 C-NT2RP2001440//Homo sapiens mRNA for 14-3-3gamma, complete cds.//0//3712bp//99%//AB024334
 C-NT2RP2002056
 C-NT2RP2002105//H.sapiens MSH-R gene for melanocyte stimulating hormone receptor.//0//1644bp//98%//X65634
 35 C-NT2RP2002333
 C-NT2RP2002677
 C-NT2RP2002755
 C-NT2RP2002843
 C-NT2RP2003101
 40 C-NT2RP2003668
 C-NT2RP2003799
 C-NT2RP2004095
 C-NT2RP2004300
 C-NT2RP2004675
 45 C-NT2RP2004920//TRANSCRIPTIONAL REGULATOR ATRX (X-LINKED NUCLEAR PROTEIN) (HETERO-CHROMATIN PROTEIN 2) (HP1 ALPHA-INTERACTING PROTEIN) (HP1-BP38 PROTEIN).//4.20E-09//804aa//22%//Q61687
 C-NT2RP2005144//Homo sapiens tubby like protein 3 (TULP3) mRNA, complete cds.//2.10E-308//1437bp//98%//AF045583
 50 C-NT2RP2005719//GPI-ANCHORED PROTEIN P137.//4.00E-14//99aa//43%//Q14444
 C-NT2RP2005726
 C-NT2RP2005776//POLY(A) POLYMERASE TYPE 2 (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYL-TRANSFERASE).//4.40E-55//358aa//42%//P51005
 C-NT2RP2005980
 55 C-NT2RP2006184//Homo sapiens mRNA for KIAA0918 protein, partial cds.//0//4235bp//99%//AB020725
 C-NT2RP2006534//5'-AMP-ACTIVATED PROTEIN KINASE, CATALYTIC ALPHA-1 CHAIN (EC 2.7.1.-) (AMPK ALPHA-1 CHAIN) (FRAGMENT).//3.20E-11//32aa//96%//Q13131
 C-NT2RP2006554

C-NT2RP3000584
 C-NT2RP3001115
 C-NT2RP3001723//Homo sapiens cell recognition molecule Caspr2 (CASPR2) mRNA, complete cds.//1.40E-58//
 5 1138bp//63%//AF193613
 C-NT2RP3001938//SPORULATION-SPECIFIC PROTEIN 1 (EC 2.7.1.-)//1.30E-22//227aa//33%//P08458
 C-NT2RP3002330//Homo sapiens eRFS mRNA, complete cds.//0//2443bp//99%//U87791
 C-NT2RP3002402
 C-NT2RP3002484//Homo sapiens mRNA for KIAA0998 protein, partial cds.//1.20E-124//597bp//98%//AB023215
 C-NT2RP3002512
 10 C-NT2RP3002713
 C-NT2RP3002770//MYELOID DIFFERENTIATION PRIMARY RESPONSE PROTEIN MYD116.//1.00E-07//70aa//
 41%//P17564
 C-NT2RP3002799
 C-NT2RP3002810//HISTIDINE-RICH PROTEIN KE4.//2.20E-10//260aa//26%//Q31125
 15 C-NT2RP3002818//INSERTION ELEMENT IS2A HYPOTHETICAL 48.2 KD PROTEIN.//5.70E-226//303aa//97%//
 P51026
 C-NT2RP3002955
 C-NT2RP3002985
 C-NT2RP3003059//Rattus norvegicus potassium channel regulator 1 mRNA, complete cds.//3.80E-152//1007bp//
 20 82%//U78090
 C-NT2RP3003121
 C-NT2RP3003133//Homo sapiens ZK1 mRNA for Kruppel-type zinc finger protein, complete cds.//0//1998bp//
 91%//AB011414
 C-NT2RP3003138//Homo sapiens kinesin superfamily motor KIF4 mRNA, complete cds.//0//2159bp//98%//
 25 AF071592
 C-NT2RP3003155
 C-NT2RP3003157
 C-NT2RP3003185//TROPOMYOSIN 1, FUSION PROTEIN 33.//2.80E-06//402aa//23%//P49455
 C-NT2RP3003264
 30 C-NT2RP3003346
 C-NT2RP3003403
 C-NT2RP3003411//Mus musculus COP9 complex subunit 7b (COPS7b) mRNA, complete cds.//6.30E-270//
 743bp//90%//AF071317
 C-NT2RP3003500//SCY1 PROTEIN.//9.20E-27//601aa//23%//P53009
 35 C-NT2RP3003572
 C-NT2RP3003576
 C-NT2RP3003665//Homo sapiens mRNA for beta-ureidopropionase, complete cds.//0//1690bp//99%//AB013885
 C-NT2RP3003672//T-CELL SURFACE GLYCOPROTEIN E2 PRECURSOR (E2 ANTIGEN) (CD99) (MIC2 PRO-
 TEIN) (12E7).//2.20E-13//146aa//42%//P14209
 40 C-NT2RP3003680//Homo sapiens mRNA; cDNA DKFZp434J154 (from clone DKFZp434J154); complete cds.//0//
 2047bp//95%//AL080155
 C-NT2RP3003799//Rattus norvegicus Srg1 (Sytr1) mRNA, complete cds.//9.00E-238//1529bp//84%//U71294
 C-NT2RP3003800//Rattus norvegicus tyrosine protein kinase pp60-c-src mRNA, complete cds.//1.90E-163//
 45 924bp//89%//AF130457
 C-NT2RP3003828
 C-NT2RP3003932
 C-NT2RP3003992//Homo sapiens mRNA; cDNA DKFZp564C186 (from clone DKFZp564C186).//0//2739bp//
 99%//AL050019
 C-NT2RP3004013//M.musculus Spnr mRNA for RNA binding protein.//6.50E-240//1215bp//94%//X84692
 50 C-NT2RP3004028
 C-NT2RP3004041
 C-NT2RP3004051
 C-NT2RP3004078//H.sapiens HRFX2 mRNA.//0//1806bp//99%//X76091
 C-NT2RP3004093
 55 C-NT2RP3004095
 C-NT2RP3004125//Mus musculus zinc finger protein splice variant FIZ1-B (Fiz1) mRNA, complete cds.//4.60E-
 229//1560bp//78%//AF126747
 C-NT2RP3004148//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSI-

EP 1 074 617 A2

DASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//7.90E-05//271aa//22%//P08640
 C-NT2RP3004155//Homo sapiens COQ7 protein mRNA, complete cds.//1.10E-179//823bp//100%//AF098948
 C-NT2RP3004189//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1J//1.30E-14//242aa//24%//Q00808
 C-NT2RP3004332
 5 C-NT2RP3004349
 C-NT2RP3004470
 C-NT2RP4000035
 C-NT2RP4000049
 C-NT2RP4000102
 10 C-NT2RP4000167
 C-NT2RP4000515
 C-NT2RP4000517
 C-NT2RP4000519
 C-NT2RP5003512//Homo sapiens mRNA for KIAA1291 protein, partial cds.//0//1980bp//99%//AB033117
 15 C-OVARC1000092
 C-OVARC1000533
 C-OVARC1000678
 C-OVARC1000689//Homo sapiens mRNA; cDNA DKFZp434C1415 (from clone DKFZp434C1415); partial cds.//
 0//2032bp//99%//AL133014
 20 C-OVARC1000802
 C-OVARC1000890
 C-OVARC1000891
 C-OVARC1000945//Rattus norvegicus mRNA for atypical PKC specific binding protein, complete cds.//0//1961bp//
 82%//AB005549
 25 C-OVARC1001072
 C-OVARC1001117
 C-OVARC1001200//Mus musculus mRNA for HS1 binding protein 3.//5.80E-88//658bp//80%//AJ132192
 C-OVARC1001244//H.sapiens mRNA for Drosophila female sterile homeotic (FSH) homologue.//0//1467bp//99%//
 X62083
 30 C-OVARC1001329
 C-OVARC1001341
 C-OVARC1001376
 C-OVARC1001496//Homo sapiens C-terminal binding protein 2 mRNA, complete cds.//0//1876bp//98%//
 AF016507
 35 C-OVARC1001873
 C-PLACE1000007//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE R10E11.3 (EC 3.1.2.15)
 (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE) (DEUBIQUITINATING EN-
 ZYME).//1.60E-81//212aa//70%//P34547
 C-PLACE1000547//Homo sapiens GDP-mannose pyrophosphorylase B (GMPPB) mRNA, complete cds.//3.70E-
 40 241//1124bp//98%//AF135421
 C-PLACE1001036//Homo sapiens mRNA for KIAA1017 protein, complete cds.//0//2117bp//99%//AB023234
 C-PLACE1001076
 C-PLACE1001118//ZINC FINGER PROTEIN 135.//5.40E-147//443aa//57%//P52742
 C-PLACE1001366
 45 C-PLACE1001545
 C-PLACE1001608
 C-PLACE1002004
 C-PLACE1002256
 C-PLACE1002437//ATP-BINDING CASSETTE TRANSPORTER 1.//4.50E-76//180aa//83%//P41233
 50 C-PLACE1002591//CORONIN-LIKE PROTEIN P57.//4.40E-70//208aa//66%//P31146
 C-PLACE1002665//Mus musculus enhancer of polycomb (Epc1) mRNA, complete cds.//0//2462bp//89%//
 AF079765
 C-PLACE1003383
 C-PLACE1003864
 55 C-PLACE1004793//RETROVIRUS-RELATED ENV POLYPROTEIN.//5.20E-47//577aa//25%//P10267
 C-PLACE1004913
 C-PLACE1004979
 C-PLACE1005052//Homo sapiens CGI-16 protein mRNA, complete cds.//6.6e-313//1413bp//99%//AF132950

EP 1 074 617 A2

C-PLACE1005055//Homo sapiens mRNA for KIAA0576 protein, partial cds.//0//2431bp//99%//AB011148
 C-PLACE1005128
 C-PLACE1005162
 5 C-PLACE1005176//Homo sapiens hypothalamus protein HT001 mRNA, complete cds.//3.90E-212//1040bp//
 96%//AF113539
 C-PLACE1005467//PENICILLIN-BINDING PROTEIN 4* (PBP 4*) (PBP 4A).//1.10E-09//93aa//31%//P32959
 C-PLACE1005549//Homo sapiens mRNA for Rho guanine nucleotide-exchange factor, splice variant NET1A.//
 7.60E-97//1287bp//67%//AJ010046
 10 C-PLACE1005584//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICP0 (P135 PROTEIN) (IER 2.9/ER2.6).//
 6.80E-09//267aa//30%//P29128
 C-PLACE1005611//Mus musculus mRNA for mDjIO, complete cds.//2.00E-33//379bp//66%//AB028860
 C-PLACE1005802
 C-PLACE1005850
 C-PLACE1005898
 15 C-PLACE1005932
 C-PLACE1006129//Homo sapiens HSPC057 mRNA, complete cds.//0//2849bp//98%//AF161542
 C-PLACE1006360
 C-PLACE1006795
 20 C-PLACE1006878//TRNA-SPUCING ENDONUCLEASE SUBUNIT SEN2 (EC 3.1.27.9) (TRNA-INTRON ENDO-
 NUCLEASE).//1.90E-08//122aa//36%//P16658
 C-PLACE1007557
 C-PLACE1007807
 C-PLACE1008181
 C-PLACE1008426//Homo sapiens mRNA for KIAA1288 protein, partial cds.//0//3311bp//99%//AB033114
 25 C-PLACE1008455
 C-PLACE1008941
 C-PLACE1009935
 C-PLACE1010310//SPIDROIN 2 (DRAGLINE SILK FIBROIN 2) (FRAGMENT).//1.20E-18//467aa//30%//P46804
 C-PLACE1011891
 30 C-PLACE10118967//Mus musculus Wnt10a mRNA, complete cds.//2.60E-287//1820bp//85%//U61969
 C-PLACE2000003
 C-PLACE2000132
 C-PLACE2000170
 C-PLACE2000335
 35 C-PLACE3000124
 C-PLACE3000158
 C-PLACE3000207
 C-PLACE3000221
 C-PLACE3000271
 40 C-PLACE3000304
 C-PLACE3000322
 C-PLACE3000341
 C-PLACE3000373
 C-PLACE3000399
 45 C-PLACE3000401
 C-PLACE3000402
 C-PLACE3000406
 C-PLACE3000475
 C-PLACE4000063//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSI-
 50 DASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//1.70E-15//740aa//23%//P08640
 C-PLACE4000093
 C-PLACE4000100//Homo sapiens hydroxypyruvate reductase (GRHPR) gene, complete cds.//0//4199bp//97%//
 AF146689
 C-PLACE4000131//Homo sapiens mRNA; cDNA DKFZp586J0917 (from clone DKFZp586J0917); partial cds.//0//
 55 1612bp//97%//AL117455
 C-PLACE4000247
 C-PLACE4000250
 C-PLACE4000252

EP 1 074 617 A2

C-PLACE4000259//H.sapiens gene for U5 snRNP-specific 200kD protein.//0//5143bp//90%//Z70200
 C-PLACE4000261//PEREGRIN (BR140 PROTEIN).//9.50E-10//128aa//34%//P55201
 C-PLACE4000320
 C-PLACE4000344
 5 C-PLACE4000367
 C-PLACE4000401//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- AC-
 TIVATING ENZYME).//7.20E-22//54aa//62%//Q01576
 C-PLACE4000411//Homo sapiens mRNA; cDNA DKFZp586D0624 (from clone DKFZp586D0624); partial cds.//
 0//2159bp//98%//AL117654
 10 C-PLACE4000487
 C-PLACE4000494
 C-PLACE4000521
 C-PLACE4000548//Homo sapiens mRNA for KIAA0947 protein, partial cds.//0//4864bp//99%//AB023164
 C-SKNMC1000013//Homo sapiens ATP-binding cassette protein M-ABC1 mRNA, nuclear gene encoding mito-
 15 chondrial protein, complete cds.//0//2384bp//99%//AF047690
 C-SKNMC1000091//Homo sapiens mRNA for leucine-zipper protein, complete cds.//6.10E-190//872bp//99%//
 AB021663
 C-THYRO1000343//Homo sapiens mRNA for KIAA0790 protein, partial cds.//0//3711bp//99%//AB018333
 C-THYRO1000569//Mus musculus hematopoietic zinc finger protein mRNA, complete cds.//0//1557bp//91%//
 20 AF118566
 C-THYRO1001142
 C-THYRO1001189//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//1.10E-200//546aa//
 62%//005481
 C-THYRO1001320
 25 C-THYRO1001537//Homo sapiens mRNA; cDNA DKFZp586A0522 (from clone DKFZp586A0522); partial cds.//
 0//1010bp//98%//AL050159
 C-THYRO1001602
 C-THYRO1001721//RING CANAL PROTEIN (KELCH PROTEIN).//9.30E-34//220aa//38%//Q04652
 C-THYRO1001828
 30 C-Y79AA1000346//Homo sapiens nonclathrin coat protein gamma2-COP mRNA, complete cds.//0//2520bp//99%//
 AF157833
 C-Y79AA1001167
 C-Y79AA1001384//Homo sapiens very large G-protein coupled receptor-1 (VLGR1) mRNA, complete cds.//0//
 4708bp//99%//AF055084
 35 C-Y79AA1001875//RAS-RELATED PROTEIN RAB-7.//9.40E-12//34aa//97%//P51149
 C-Y79AA1002103//ZINC FINGER PROTEIN ZFP-36 (FRAGMENT).//3.00E-257//549aa//76%//P16415
 C-HEMBA1006092
 C-HEMBA1006406
 C-HEMBB1000790
 40 C-HEMBB1000917
 C-HEMBB1002280
 C-MAMMA1000802
 C-MAMMA1001322//B-CELL GROWTH FACTOR PRECURSOR (BCGF-12 KD).//0.000000017//46aa//60%//
 P20931
 45 C-MAMMA1002597
 C-MAMMA1002868
 C-NT2RP2003161
 C-NT2RP2003339
 C-NT2RP3001282
 50 C-PLACE1001761
 C-PLACE1004491
 C-PLACE1004686
 C-PLACE1005574
 C-PLACE1006382
 55 C-PLACE1006792
 C-PLACE3000455
 C-PLACE4000230//Mus musculus semaphorin VIa mRNA, complete cds.//0//2567bp//88%//AF030430
 C-THYRO1000916

C-HEMBA1000327
 C-HEMBA1000637
 C-HEMBA1001967
 C-MAMMA1000266
 5 C-NT2RP2002979
 C-PLACE1007866
 C-PLACE3000350//SERINE/THREONINE-PROTEIN KINASE PAK-GAMMA (EC 2.7.1.-) (GAMMA-PAK)
 (P21-ACTIVATED KINASE 2) (PAK-2) (PAK65) (S6/H4 KINASE).//9.80E-25//155aa//45%//Q13177
 C-PLACE4000156//ZINC FINGER PROTEIN 132.//7.10E-151//476aa//46%//P52740
 10 C-THYRO1001637
 C-MAMMA1002215
 C-MAMMA1002721
 C-NT2RP2002070

15 Homology search result 14.

[0334] Data obtained by the homology search for full-length nucleotide sequences and deduced amino acid sequences. In the result of the search shown below, both units, aa and bp, are used as length units for the sequences to be compared. Each data includes Clone name, Definition in matching data, P value, Length of sequence to be compared,
 20 Homology, and Accession number (No.) of matching data. These items are shown in this order, separated by a double-slash mark, //.

C-HEMBA1000005//DNAJ PROTEIN HOMOLOG MTJ1.//1.90E-250//554aa//85%//O61712
 C-HEMBA1000012//PROBABLE LEUCYL-TRNA SYNTHETASE (EC 6.1.1.4) (LEUCINE-TRNA LIGASE)
 25 (LEURS).//6.40E-99//457aa//45%//Q09996
 C-HEMBA1000020//Homo sapiens beta 2 gene.//7.50E-264//1194bp//95%//X02344
 C-HEMBA1000030//Homo sapiens ARF GTPase-activating protein GIT1 mRNA, complete cds.//0//1759bp//99%//
 AF124490
 C-HEMBA1000129//HYPOTHETICAL HEUCASE C8A4.08C IN CHROMOSOME I.//3.80E-25//166aa//36%//
 30 Q09884
 C-HEMBA1000141//Homo sapiens SUMO-1-specific protease (SSP1) mRNA, complete cds.//0//1135bp//100%//
 AF196304
 C-HEMBA1000150//Homo sapiens putative RNA helicase mRNA, complete cds.//5.20E-213//525bp//99%//
 AF085356
 35 C-HEMBA1000156//NEUROFILAMENT TRIPLET M PROTEIN (160 KD NEUROFILAMENT PROTEIN) (NF-M).//
 1.90E-12//368aa//24%//P08553
 C-HEMBA1000158//HEPATOCYTE NUCLEAR FACTOR 3-GAMMA (HNF-3G).//5.00E-16//166aa//36%//P35584
 C-HEMBA1000168//CYLICIN I (MULTIPLE-BAND POLYPEPTIDE D.//2.90E-14//303aa//25%//P35662
 C-HEMBA1000185//RAS-RELATED PROTEIN RAL-A.//3.40E-12//125aa//31 %//P48555
 40 C-HEMBA1000201//Homo sapiens mRNA for integrase interactor 1b protein (INI1B).//0//1612bp//99%//AJ011738
 C-HEMBA1000216//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT INTERACTING PRO-
 TEIN).//1.00E-86//146aa//56%//Q61221
 C-HEMBA1000303//Mus musculus Plenty of SH3s (POSH) mRNA, complete cds.//7.10E-254//1440bp//87%//
 AF030131
 45 C-HEMBA1000304//Rattus norvegicus Ca²⁺-dependent activator protein (CAPS) mRNA, complete cds.//5.10E-
 131//712bp//91%//U16802
 C-HEMBA1000307//CARNITINE DEFICIENCY-ASSOCIATED PROTEIN EXPRESSED IN VENTRICLE 1//5.20E-
 49//107aa//91%//Q35594
 C-HEMBA1000333//Homo sapiens F-box protein Fbx21 (FBX21) mRNA, complete cds.//0//1866bp//100%//
 50 AF174601
 C-HEMBA1000369//Homo sapiens mRNA for PICK1, complete cds.//0//1949bp//98%//AB026491
 C-HEMBA1000411//ANKYRIN.//5.70E-12//127aa//38%//Q02357
 C-HEMBA1000488//RING CANAL PROTEIN (KELCH PROTEIN).//3.30E-45//481aa//29%//Q04652
 C-HEMBA1000491//RAS-LIKE PROTEIN 2.//2.00E-22//188aa//31%//P22279
 55 C-HEMBA1000518//PECANEX PROTEIN.//2.10E-19//227aa//38%//P18490
 C-HEMBA1000523//TESTIS-SPECIFIC PROTEIN PBS13.//2.40E-44//292aa//36%//Q01755
 C-HEMBA1000531//HEAT SHOCK 70 KD PROTEIN COGNATE 1 (HEAT SHOCK 70 KD PROTEIN 70C) (FRAG-
 MENTS).//2.60E-12//73aa//41%//P02826

- C-HEMBA1000542//Rattus norvegicus mRNA for dipeptidyl peptidase III, complete cds.//2.20E-194//663bp//83%//D89340
- C-HEMBA1000555//Mus musculus Msx2 interacting nuclear target protein mRNA, complete cds.//7.90E-226//1501bp//83%//AF156529
- 5 C-HEMBA1000561//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//3.40E-37//674aa//25 %//Q05481
- C-HEMBA1000569//GPI-ANCHORED PROTEIN P137.//6.50E-19//265aapb//32%//Q60865
- C-HEMBA1000588//Mus musculus FLI-LRR associated protein-1 mRNA, complete cds.//2.10E-144//602bp//77%//AF045573
- 10 C-HEMBA1000591//PTB-ASSOCIATED SPLICING FACTOR (PSF).//2.20E-17//198aa//40%//P23246
- C-HEMBA1000592//Homo sapiens sorting nexin 6 (SNX6) mRNA, complete cds.//0//1465bp//99%//AF121856
- C-HEMBA1000608//HYPOTHETICAL PROTEIN KIAA0411 (FRAGMENT).//1.80E-55//179aa//61%//O43295
- C-HEMBA1000657//Rattus norvegicus ADP-ribosylation factor-directed GTPase activating protein mRNA, complete cds.//7.20E-156//1366bp//76%//U35776
- 15 C-HEMBA1000851//Homo sapiens DNA binding protein p96PIF mRNA, complete cds.//0//1862bp//99%//AF173868
- C-HEMBA1000852//ARYLSULFATASE D PRECURSOR (EC 3.1.6.-) (ASD).//1.00E-78//119aa//87%//P51689
- C-HEMBA1000910//MELANOMA-ASSOCIATED ANTIGEN B1 (MAGE-B1 ANTIGEN) (MAGE-XP ANTIGEN).//1.60E-30//127aa//40%//P43366
- 20 C-HEMBA1000919//HYPOTHETICAL 65.5 KD TRP-ASP REPEATS CONTAINING PROTEIN F02E8.5 IN CHROMOSOME X.//1.00E-10//288aa//23%//Q19124
- C-HEMBA1001019//CELL DIVISION CONTROL PROTEIN 2 HOMOLOG (EC 2.7.1.-) (P34 PROTEIN KINASE) (CYCLIN-DEPENDENT KINASE 1) (CDK1).//3.10E-10//70aa//58%//P06493
- C-HEMBA1001043//ANKYRIN, BRAIN VARIANT 2 (ANKYRIN B) (ANKYRIN, NONERYTHROID)(FRAGMENT).//1.40E-12//131aa//38%//Q01485
- 25 C-HEMBA1001059//Human N-acetylgalactosamine 6-sulphatase (GALNS) gene, exon 14.//4.80E-169//786bp//99%//U06088
- C-HEMBA1001071//PROCOLLAGEN ALPHA 1(III) CHAIN PRECURSOR.//1.50E-92//82aa//100%//P02461
- C-HEMBA1001077//Homo sapiens transcriptional intermediary factor 1 gamma mRNA, complete cds.//2.00E-80//432bp//94%//AF119043
- 30 C-HEMBA1001088//PINCH PROTEIN (PARTICULARLY INTERESTING NEW CYS-HIS PROTEIN).//3.50E-50//176aa//57%//P48059
- C-HEMBA1001137//ZINC FINGER PROTEIN 33A (ZINC FINGER PROTEIN KOX31) (KIAA0065)(HA0946) (FRAGMENT).//1.50E-116//197aa//58%//Q06730
- 35 C-HEMBA1001174//ADP-RIBOSYLATION FACTOR-LIKE PROTEIN 5.//6.80E-79//179aa//80%//P51646
- C-HEMBA1001197//Homo sapiens rap2 interacting protein x mRNA, complete cds.//0//1511bp//99%//AF112221
- C-HEMBA1001257//Homo sapiens mRNA 2-methylacyl-CoA racemase.//0//1672bp//99%//AJ130733
- C-HEMBA1001286//COMPLEMENT DECAY-ACCELERATING FACTOR PRECURSOR.//0.00000002//198aa//29%//Q60401
- 40 C-HEMBA1001302//Homo sapiens calcium binding protein precursor, mRNA, complete cds.//9.60E-258//682bp//94%//AF153686
- C-HEMBA1001351//Homo sapiens VAMP-associated protein of 33 kDa (VAP-33) mRNA, complete cds.//1.40E-133//614bp//99%//AF057358
- C-HEMBA1001387//GTP-BINDING PROTEIN TC10.//2.90E-64//104aa//82%//P17081
- 45 C-HEMBA1001405//Drosophila melanogaster eyelid (eld) mRNA, complete cds.//5.60E-25//863bp//60%//AF053091
- C-HEMBA1001446//Homo sapiens rap2 interacting protein x mRNA, complete cds.//9.20E-55//719bp//68%//AF112221
- C-HEMBA1001455//Mus musculus transposon-derived Buster2 transposase-like protein gene, partial cds.//4.20E-290//2008bp//81%//AF205599
- 50 C-HEMBA1001476//Human DNA topoisomerase II (top2) mRNA, complete cds.//1.60E-268//1213bp//100%//J04088
- C-HEMBA1001510//CYCLIC-AMP-DEPENDENT TRANSCRIPTION FACTOR ATF-6 (FRAGMENT).//1.70E-16//63aa//61%//P18850
- 55 C-HEMBA1001526//PERIPLASMIC [FE] HYDROGENASE 1 (EC 1.18.99.1).//4.90E-37//399aa//29%//P29166
- C-HEMBA1001569//SYNAPTOSOMAL VESICLE ASSOCIATED MEMBRANE PROTEIN 2 (VAMP-2).//2.30E-53//110aa//100%//P19065
- C-HEMBA1001579//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//0//808bp//97%//AJ012449

- C-HEMBA1001595//SEPTIN 2 HOMOLOG (FRAGMENT).//4.90E-156//348aa//83%//Q14141
 C-HEMBA1001620//MYO-INOSITOL-1-PHOSPHATE SYNTHASE (EC 5.5.1.4) (IPS).//1.60E-166//506aa//60%//P42803
 C-HEMBA1001635//TESTIS SPECIFIC PROTEIN A (ZINC FINGER PROTEIN TSGA).//1.60E-10//155aa//28%//Q63679
 5 C-HEMBA1001651//CYTADHERENCE HIGH MOLECULAR WEIGHT PROTEIN 1 (CYTADHERENCE ACCESSORY PROTEIN 1).//6.20E-07//362aa//24%//Q50365
 C-HEMBA1001661//CADHERIN-RELATED TUMOR SUPPRESSOR PRECURSOR (FAT PROTEIN).//4.60E-36//365aa//33%//P33450
 10 C-HEMBA1001672//Homo sapiens methyl-CpG binding domain-containing protein MBD3 (MBD3) mRNA, complete cds.//0//1707bp//98%//AF072247
 C-HEMBA1001675//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS9.//5.40E-09//101aa//35%//P54787
 C-HEMBA1001714//Homo sapiens mRNA for ATPase inhibitor precursor, complete cds.//3.70E-78//200bp//100%//AB029042
 15 C-HEMBA1001723//Homo sapiens G protein beta subunit mRNA, partial cds.//3.10E-267//1212bp//99%//AF195883
 C-HEMBA1001734//CADHERIN-11 PRECURSOR (OSTEOBLAST-CADHERIN) (OBCADHERIN) (OSF-4).//1.10E-38//87aa//96%//P55288
 20 C-HEMBA1001744//SCY1 PROTEIN.//9.90E-32//481aa//25%//P53009
 C-HEMBA1001746//Homo sapiens squamous cell carcinoma antigen recognized by T cell (SART-2) mRNA, complete cds.//7.60E-59//998bp//64%//AF098066
 C-HEMBA1001804//Homo sapiens zinc finger DNA binding protein 99 (ZNF281) mRNA, complete cds.//0//1637bp//99%//AF125158
 25 C-HEMBA1001809//IMMEDIATE-EARLY PROTEIN IE180.//3.80E-11//206aa//36%//P11675
 C-HEMBA1001819//ZINC FINGER PROTEIN 184 (FRAGMENT).//2.90E-135//459aa//52%//Q99676
 C-HEMBA1001822//Mus musculus Ese2L protein mRNA, complete cds.//1.90E-235//1329bp//89%//AF132479
 C-HEMBA1001824//Homo sapiens nuclear protein NP94 mRNA, complete cds.//1.40E-199//1180bp//89%//AF159025
 30 C-HEMBA1001847//ZINC FINGER PROTEIN 29 (ZFP-29).//7.60E-64//221aa//55%//Q07230
 C-HEMBA1001866//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-) (DUGT).//5.70E-51//234aa//41%//Q09332
 C-HEMBA1001869//TRITHORAX PROTEIN.//9.60E-05//166aa//27%//P20659
 C-HEMBA1001896//DIMETHYLGLYCINE DEHYDROGENASE PRECURSOR (EC 1.5.99.2) (ME2GLYDH).//9.30E-36//395aa//26%//Q63342
 35 C-HEMBA1001913//GCN20 PROTEIN.//2.30E-81//158aa//50%//P43535
 C-HEMBA1001921//Homo sapiens germinal center kinase related protein kinase mRNA, complete cds.//0//1850bp//99%//AF000145
 C-HEMBA1001967//Homo sapiens NY-REN-57 antigen mRNA, partial cds.//0//1721bp//99%//AF155114
 40 C-HEMBA1002035//Homo sapiens BAZ1A mRNA for bromodomain adjacent to zinc finger domain 1A, complete cds.//0//2149bp//99%//AB032252
 C-HEMBA1002092//Mus musculus Olf-1/EBF-like-3 transcription factor (O/E-3) mRNA, complete cds.//1.30E-271//1583bp//88%//U92703
 C-HEMBA1002102//ANKYRIN.//4.40E-10//106aa//35%//Q02357
 45 C-HEMBA1002139//LIM AND SH3 DOMAIN PROTEIN LASP-1 (MLN 50).//7.10E-05//51aa//49%//Q14847
 C-HEMBA1002151//Rattus norvegicus p34 mRNA, complete cds.//1.10E-153//1059bp//82%//AF178669
 C-HEMBA1002161//MYOSIN HEAVY CHAIN, CARDIAC MUSCLE BETA ISOFORM.//1.40E-51//180aa//56%//P79293
 C-HEMBA1002177//TRANSCRIPTION FACTOR GATA-4 (GATA BINDING FACTOR-4).//6.00E-13//190aa//36%//P43694
 50 C-HEMBA1002212//TYROSINE-PROTEIN KINASE-2 (EC 2.7.1.112) (FRAGMENT).//3.00E-17//267aa//29%//P18161
 C-HEMBA1002215//TESTIN 2 (TES2) [CONTAINS: TESTIN 1 (TES1)].//2.20E-199//392aa//89%//P47226
 C-HEMBA1002241//PROLIFERATING-CELL NUCLEOLAR ANTIGEN P120 (PROLIFERATION-ASSOCIATED NUCLEOLAR PROTEIN P120).//3.70E-06//95aa//33%//P46087
 55 C-HEMBA1002267//Sus scrofa decorin mRNA, complete cds.//1.10E-46//302bp//90%//AF125537
 C-HEMBA1002341//P53-BINDING PROTEIN 2 (53BP2) (FRAGMENT).//3.80E-55//109aa//96%//Q62415
 C-HEMBA1002363//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds.//0//

- 1847bp//99%//AF092563
 C-HEMBA1002417//mGHT JUNCTION PROTEIN ZO-1 (TIGHT JUNCTION PROTEIN 1).//1.00E-121//489aa//52%//P39447
 C-HEMBA1002419//TRICHOHYALIN.//1.90E-09//299aa//24%//P22793
 5 C-HEMBA1002458//OVARIAN GRANULOSA CELL 13.0 KD PROTEIN HGR74.//4.20E-24//109aa//55%//Q00994
 C-HEMBA1002469//DXS8237E PROTEIN (FRAGMENT).//3.50E-50//199aa//61%//P98175
 C-HEMBA1002475//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN).//1.10E-12//285aa//31%//P17437
 C-HEMBA1002495//LIGHT-MEDIATED DEVELOPMENT PROTEIN DET1.//6.80E-53//257aa//36%//P48732
 10 C-HEMBA1002513//Homo sapiens mRNA for histone deacetylase-like protein (JM21).//0//2432bp//99%//AJ011972
 C-HEMBA1002547//Homo sapiens agrin precursor mRNA, partial cds.//0//1605bp//97%//AF016903
 C-HEMBA1002555//Homo sapiens mSin3A associated polypeptide p30 mRNA, complete cds.//5.30E-51//768bp//68%//AF055993
 15 C-HEMBA1002569//Homo sapiens protein associated with Myc mRNA, complete cds.//6.80E-305//951bp//99%//AF075587
 C-HEMBA1002746//DNA POLYMERASE BETA (EC 2.7.7.7).//5.00E-37//268aa//34%//P06746
 C-HEMBA1002768//Mus musculus formin binding protein 17 mRNA, partial cds.//7.80E-237//1522bp//85%//AB011126
 20 C-HEMBA1002770//Rattus norvegicus mRNA for TIP120, complete cds.//2.90E-176//1024bp//88%//D87671
 C-HEMBA1002777//Fugu rubripes BAW (BAW) mRNA, complete cds.//3.40E-54//319bp//76%//AF153879
 C-HEMBA1002810//Homo sapiens formin binding protein 21 mRNA, complete cds.//8.2e-314//1437bp//99%//AF071185
 C-HEMBA1002818//Homo sapiens mRNA for fibulin-4.//2.00E-304//1383bp//99%//AJ132819
 25 C-HEMBA1002876//HYPOTHETICAL 26.4 KD PROTEIN EEED8.8 IN CHROMOSOME n.//1.50E-44//188aa//52%//Q09297
 C-HEMBA1002935//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//1.30E-15//371aa//25%//Q05481
 C-HEMBA1002939//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN).//2.00E-34//300aa//34%//P16157
 30 C-HEMBA1002951//NUF1 PROTEIN (SPINDLE POLY BODY SPACER PROTEIN SPC110).//4.40E-06//324aa//24%//P32380
 C-HEMBA1002973//CAMP-DEPENDENT 3',5'-CYCLIC PHOSPHODIESTERASE 4B (EC 3.1.4.17) (DPDE4).//1.20E-27//63aa//100%//P14646
 35 C-HEMBA1002997//CENTROMERIC PROTEIN E (CENP-E PROTEIN).//3.80E-25//534aa//24%//Q02224
 C-HEMBA1002999//Rattus norvegicus lamina associated polypeptide 1C (LAP1C) mRNA, complete cds.//1.40E-171//1552bp//75%//U20286
 C-HEMBA1003046//Homo sapiens mitochondrial processing peptidase beta-subunit mRNA.//0//1558bp//99%//AF054182
 40 C-HEMBA1003071//INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN COMPLEX ACID LABILE CHAIN PRECURSOR (ALS).//1.30E-09//121aa//40%//P35858
 C-HEMBA1003077//SLIT PROTEIN PRECURSOR.//2.60E-15//199aa//31%//P24014
 C-HEMBA1003096//Mouse 19.5 mRNA, complete cds.//5.60E-117//1139bp//72%//M32486
 C-HEMBA1003098//Homo sapiens NY-REN-6 antigen mRNA, partial cds.//6.20E-273//1253bp//99%//AF155096
 45 C-HEMBA1003136//MANNOSE-1-PHOSPHATE GUANYLTRANSFERASE (EC 2.7.7.13) (ATP-MANNOSE-1-PHOSPHATE GUANYLYLTRANSFERASE) (NDP-HEXOSE PYROPHOSPHORYLASE).//8.50E-51//221aa//33%//P41940
 C-HEMBA1003148//Homo sapiens mRNA for dachshund protein.//0//1583bp//99%//AJ005670
 C-HEMBA1003179//PROBABLE TRNA (5-METHYLAMINOMETHYL-2-THIOURIDYLATE)-METHYLTRANSFERASE (EC 2.1.1.61).//5.90E-74//134aa//53%//P44551
 50 C-HEMBA1003199//Homo sapiens chromosome 5 F-box protein Fbx4 (FBX4) mRNA, complete cds.//8.50E-87//285bp//90%//AF129534
 C-HEMBA1003235//TROPOMYOSIN.//2.30E-06//109aa//33%//Q02088
 C-HEMBA1003250//PROTEIN KINASE APK1A (EC 2.7.1.-).//7.20E-41//245aa//42%//Q06548
 55 C-HEMBA1003281//POLIOVIRUS RECEPTOR PRECURSOR.//6.00E-11//239aa//32%//P32506
 C-HEMBA1003286//Homo sapiens mRNA for beta-1,4-galactosyltransferase IV, complete cds.//5.40E-229//1043bp//99%//AB024436
 C-HEMBA1003291//SNF1-RELATED PROTEIN KINASE KIN10 (EC 2.7.1.-) (AKIN10).//6.20E-28//126aa//51%//

- Q38997
 C-HEMBA1003369//CENTROMERIC PROTEIN E (CENP-E PROTEIN).//2.00E-08//248aa//23%//Q02224
 C-HEMBA1003408//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6) (VERSION 1).//
 7.80E-13//297aa//30%//P18616
- 5 C-HEMBA1003417//Homo sapiens BAG-family molecular chaperone regulator-2 mRNA, complete cds.//1.50E-
 255//1179bp//99%//AF095192
 C-HEMBA1003418//TRICHOHYALIN.//8.70E-19//281aa//31%//P37709
 C-HEMBA1003433//Homo sapiens gene for NBS1, complete cds.//0//511bp//94%//AB013139
 C-HEMBA1003538//COMPLEMENT C1R COMPONENT PRECURSOR (EC 3.4.21.41).//2.40E-110//242aa//
 10 58%//P00736
 C-HEMBA1003545//INSULIN GENE ENHANCER PROTEIN ISL-2 (TSLET-2).//8.80E-189//360aa//96%//P50480
 C-HEMBA1003555//NUCLEOTIDE-BINDING PROTEIN (NBP).//2.10E-68//251aa//52%//P53384
 C-HEMBA1003560//GUANINE NUCLEOTIDE-BINDING PROTEIN G(I)/G(S)/G(O) GAMMA-2 SUBUNIT (G GAM-
 MA-I).//1.20E-31//71aa//100%//P16874
- 15 C-HEMBA1003568//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A))(RO(SS-A)).//
 7.90E-49//279aa//32%//P19474
 C-HEMBA1003569//METASTASIS-ASSOCIATED PROTEIN MTA1.//6.90E-206//445aa//74%//Q13330
 C-HEMBA1003581//TALIN.//4.40E-45//52aa//98%//P26039
 C-HEMBA1003591//CHLOROPLAST 28 KD RIBONUCLEOPROTEIN PRECURSOR (28RNP).//4.40E-10//
 20 118aa//35%//P19682
 C-HEMBA1003615//Homo sapiens ART-4 mRNA, complete cds.//0//1713bp//99%//AB026125
 C-HEMBA1003617//Homo sapiens ubiquitin-like product Chap1/Dsk2 mRNA, complete cds.//6.90E-178//501bp//
 97%//AB015344
 C-HEMBA1003645//TIPD PROTEIN.//2.40E-10//289aa//23%//O15736
- 25 C-HEMBA1003662//TBX2 PROTEIN (T-BOX PROTEIN 2).//1.20E-75//151aa//99%//Q13207
 C-HEMBA1003679//SIALIDASE (EC 3.2.1.18) (NEURAMINIDASE) (NA) (MAJOR SURFACE ANTIGEN).//1.00E-
 09//611aa//22%//P23253
 C-HEMBA1003680//PUTATIVE AMINOPEPTIDASE ZK353.6 IN CHROMOSOME III (EC 3.4.11.-).//2.40E-92//
 423aa//47%//P34629
- 30 C-HEMBA1003684//ZINC FINGER PROTEIN 151 (MIZ-1 PROTEIN).//2.00E-73//526aa//32%//Q13105
 C-HEMBA1003690//HISTONE DEACETYLASE HDA1.//2.10E-59//249aa//47%//P53973
 C-HEMBA1003742//Homo sapiens cleft lip and palate transmembrane protein 1 (CLPTM1) mRNA, complete cds.//
 1.70E-44//501bp//67%//AF037339
 C-HEMBA1003760//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT INTERACTING PROTEIN)
 35 (MEMBER OF PAS PROTEIN 1) (MOP1) (HIF1 ALPHA).//3.70E-124//347aa//55%//Q16665
 C-HEMBA1003773//Mus musculus signal recognition particle receptor beta subunit mRNA, complete cds.//5.80E-
 81//511bp//86%//U17343
 C-HEMBA1003783//Mus musculus bromodomain-containing protein BP75 mRNA, complete cds.//1.10E-190//
 1204bp//84%//AF084259
- 40 C-HEMBA1003805//Mus musculus KH domain RNA binding protein QKI-5A mRNA, complete cds.//0//988bp//
 95%//AF090402
 C-HEMBA1003836//MOB1 PROTEIN (MPS1 BINDER 1).//8.10E-31//134aa//52%//P40484
 C-HEMBA1003866//Mus musculus semaphorin VIa mRNA, complete cds.//1.20E-105//1192bp//70%//AF030430
 C-HEMBA1003953//ZINC FINGER PROTEIN MFG-1 (ZINC FINGER PROTEIN 58) (FRAGMENT).//3.80E-16//
 45 89aa//46%//P16372
 C-HEMBA1004097//Mus musculus putative transcription factor mRNA, complete cds.//8.50E-221//1188bp//78%//
 AF091234
 C-HEMBA1004131//SEPTIN 2 HOMOLOG (FRAGMENT).//1.60E-166//416aa//72%//Q14141
 C-HEMBA1004168//Homo sapiens geminin mRNA, complete cds.//3.90E-208//951 bp//99%//AF067855
- 50 C-HEMBA1004199//HYPOTHETICAL HELICASE K12H4.8 IN CHROMOSOME III.//8.40E-60//243aa//39%//
 P34529
 C-HEMBA1004202//RAS-RELATED PROTEIN RAB-13.//6.20E-30//208aa//37%//P51153
 C-HEMBA1004203//NUCLEOLAR PROTEIN NOP2.//1.50E-12//258aa//29%//P40991
 C-HEMBA1004207//Homo sapiens leptin receptor short form (db) mRNA, complete cds.//0//1892bp//99%//U50748
- 55 C-HEMBA1004227//Rattus norvegicus protein phosphatase 2C mRNA, complete cds.//5.70E-217//1217bp//88%//
 AF095927
 C-HEMBA1004248//INSULIN-INDUCED GROWTH RESPONSE PROTEIN CL-6 (IMMEDIATE-EARLY PROTEIN
 CL-6).//2.00E-43//98aa//84%//Q08755

- C-HEMBA1004275//Homo sapiens PHD-finger protein (GRC5) mRNA, complete cds.//1.10E-152//1403bp//69%//AF043725
- C-HEMBA1004276//Homo sapiens AP-4 adaptor complex beta4 subunit mRNA, complete cds.//4.80E-257//738bp//99%//AF092094
- 5 C-HEMBA1004286//Homo sapiens TGF beta receptor associated protein-1 mRNA, complete cds.//0//1982bp//99%//AF022795
- C-HEMBA1004295//Homo sapiens NY-REN-25 antigen mRNA, partial cds.//9.40E-31//381bp//65%//AF155103
- C-HEMBA1004321//ZINC FINGER PROTEIN 184 (FRAGMENT).//2.30E-93//357aa//42%//Q99676
- C-HEMBA1004353//C-MYC BINDING PROTEIN MM-1.//3.00E-71//89aa//96%//Q99471
- 10 C-HEMBA1004354//CHL1 PROTEIN.//9.90E-26//130aa//42%//P22516
- C-HEMBA1004356//H.sapiens MSSP-2 mRNA.//3.00E-243//573bp//98%//X77494
- C-HEMBA1004389//Homo sapiens zinc finger DNA binding protein 99 (ZNF281) mRNA, complete cds.//0//1437bp//99%//AF125158
- C-HEMBA1004408//PEPTIDYL-PROLYL CIS-TRANS ISOMERASE 10 (EC 5.2.1.8) (PPIASE) (ROTAMASE) (CYCLOPHILIN-10).//3.20E-32//148aa//52%//P52017
- 15 C-HEMBA1004479//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT INTERACTING PROTEIN).//3.10E-51//152aa//40%//Q61221
- C-HEMBA1004499//Homo sapiens delta-tubulin mRNA, complete cds.//3.40E-92//483bp//95%//AF201333
- 20 C-HEMBA1004509//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 4 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 4) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 4) (DEUBIQUITINATING ENZYME 4) (UBIQUITOUS NUCLEAR PROTEIN HOMOLOG).//2.70E-12//200aa//28%//Q13107
- C-HEMBA1004534//Homo sapiens gamma-filamin (ABPL) mRNA, complete cds.//1.2e-316//1445bp//99%//AF089841
- C-HEMBA1004573//Homo sapiens mRNA for HELG protein.//2.00E-59//483bp//68%//AJ277291
- 25 C-HEMBA1004604//Homo sapiens COP9 complex subunit 7a mRNA, complete cds.//0//1612bp//99%//AF193844
- C-HEMBA1004669//SON PROTEIN (SON3).//7.30E-17//288aa//36%//P18583
- C-HEMBA1004697//MYOSIN HEAVY CHAIN, SMOOTH MUSCLE ISOFORM (SMMHC) (FRAGMENT).//2.90E-05//303aa//21%//P35749
- 30 C-HEMBA1004734//UBIQUITIN-CONJUGATING ENZYME E2-18 KD (EC 6.3.2.19) (UBIQUITIN- PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (PM42).//9.90E-39//143aa//52%//P42743
- C-HEMBA1004752//Homo sapiens mRNA for LAK-4p, complete cds.//4.60E-109//650bp//89%//AB002405
- C-HEMBA1004756//Human transporter protein (g17) mRNA, complete cds.//9.10E-34//515bp//66%//U49082
- C-HEMBA1004758//Homo sapiens transcription factor SL1 mRNA, complete cds.//2.60E-246//1249bp//94%//L39060
- 35 C-HEMBA1004768//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//5.40E-111//314aa//58%//P08547
- C-HEMBA1004795//CDC4-UKE PROTEIN (FRAGMENT).//3.80E-69//198aa//66%//P50851
- C-HEMBA1004847//SIGNAL RECOGNITION PARTICLE 68 KD PROTEIN (SRP68).//8.20E-154//317aa//94%//Q00004
- C-HEMBA1004889//Human C3f mRNA, complete cds.//6.70E-24//341aabbp//26%//U72515
- 40 C-HEMBA1004929//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//2.50E-05//148aa//24%//P25386
- C-HEMBA1004930//26S PROTEASOME SUBUNIT S5B (KIAA0072) (HA1357).//3.30E-27//65aa//100%//Q16401
- C-HEMBA1004972//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEURO FILAMENT PROTEIN) (NF-H).//0.00000096//286aa//23%//P12036
- 45 C-HEMBA1004973//ZINC-BINDING PROTEIN A337.//4.10E-08//121aa//33%//Q02084
- C-HEMBA1005009//Homo sapiens BAF53a (BAF53a) mRNA, complete cds.//0//1813bp//99%//AF041474
- C-HEMBA1005029//Homo sapiens CGI-13 protein mRNA, complete cds.//0//1487bp//99%//AF132947
- C-HEMBA1005047//RAS-RELATED PROTEIN RAB-24 (RAB-16).//3.40E-101//106aa//98%//P35290
- 50 C-HEMBA1005101//Homo sapiens SYT interacting protein SIP mRNA, complete cds.//0//2762bp//99%//AF080561
- C-HEMBA1005201//Homo sapiens CGI-07 protein mRNA, complete cds.//0//1608bp//99%//AF132941
- C-HEMBA1005202//SIGNAL RECOGNITION PARTICLE 68 KD PROTEIN (SRP68).//1.90E-179//361aa//95%//Q00004
- C-HEMBA1005206//Drosophila simulans anon73Bl gene and Su(P) gene.//1.90E-11//376bp//63%//AJ250308
- 55 C-HEMBA1005219//NUCLEAR PROTEIN SNF7.//5.30E-10//189aa//25%//P39929
- C-HEMBA1005338//Homo sapiens mRNA for matrilin-4, partial.//3.90E-241//1095bp//99%//AJ007581
- C-HEMBA1005359//ZINC FINGER PROTEIN 137.//3.90E-85//206aa//69%//P52743
- C-HEMBA1005367//Homo sapiens melastatin 1 (MLSN1) mRNA, complete cds.//9.00E-77//620bp//74%//

AF071787

C-HEMBA1005394//Mus musculus pantothenate kinase 1 beta (panK1beta) mRNA, complete cds.//3.90E-126//1097bp//75%//AF200357

5 C-HEMBA1005423//Homo sapiens cyclin-dependent kinase inhibitor (CDKN2C) mRNA, complete cds.//2.00E-213//537bp//99%//AF041248

C-HEMBA1005513//MALES-ABSENT ON THE FIRST PROTEIN (EC 2.3.1.-).//1.90E-129//332aa//61%//O02193

C-HEMBA1005528//CCR4-ASSOCIATED FACTOR 1 (CAF1).//3.10E-154//285aa//99%//Q60809

C-HEMBA1005530//Homo sapiens anaphase-promoting complex subunit 7 (APC7) mRNA, complete cds.//0//1578bp//98%//AF191340

10 C-HEMBA1005548//Homo sapiens MAFB/Kreisler basic region/leucine zipper transcription factor (MAFB) mRNA, complete cds.//1.00E-220//1014bp//99%//AF134157

C-HEMBA1005558//NUCLEAR PROTEIN SNF7.//6.40E-16//170aa//31%//P39929

C-HEMBA1005576//Mus musculus mRNA for plexin 2, complete cds.//1.20E-122//870bp//82%//D86949

C-HEMBA1005581//Homo sapiens SLIT2 (SLIL2) mRNA, complete cds.//0//1721bp//100%//AF133270

15 C-HEMBA1005582//TROPOMYOSIN 1, NON-MUSCLE ISOFORM (TROPOMYOSIN II) (CYTOSKELETAL TROPOMYOSIN).//0.00000009//213aa//27%//P09492

C-HEMBA1005595//DYNEIN HEAVY CHAIN, CYTOSOLIC (DYHC).//2.30E-54//562aa//29%//P34036

C-HEMBA1005621//Homo sapiens Mad2-like protein mRNA, complete cds.//8.00E-211//962bp//99%//AF072933

C-HEMBA1005666//Homo sapiens mRNA for DIPB protein.//8.60E-147//685bp//99%//AJ249128

20 C-HEMBA1005699//EPHRIN-B3 PRECURSOR (EPH-RELATED RECEPTOR TYROSINE KINASE LIGAND 8) (LERK-8) (EPH-RELATED RECEPTOR TRANSMEMBRANE LIGAND ELK-L3).//2.10E-37//98aa//81 %//Q15768

C-HEMBA1005737//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT).//4.40E-17//167aa//34%//P25296

25 C-HEMBA1005815//CALPAIN, LARGE [CATALYTIC] SUBUNIT (EC 3.4.22.17) (CALCIUM- ACTIVATED NEUTRAL PROTEINASE) (CANP) (MU/M-TYPE).//2.00E-36//342aa//33%//P00789

C-HEMBA1005931//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//5.60E-15//76aa//51%//P51522

C-HEMBA1005990//Homo sapiens l-1 receptor candidate protein mRNA, complete cds.//0//2371bp//100%//AF082516

30 C-HEMBA1006031//Homo sapiens mRNA for putative phospholipase, complete cds.//0//1413bp//99%//AB019435

C-HEMBA1006038//LAMININ ALPHA-5 CHAIN (FRAGMENT).//3.10E-33//81aa//64%//Q61001

C-HEMBA1006067//Homo sapiens squamous cell carcinoma antigen recognized by T cell (SART-2) mRNA, complete cds.//8.20E-12//297bp//64%//AF098066

C-HEMBA1006130//SEL-10 PROTEIN.//0.000000043//219aa//25 %//Q93794

35 C-HEMBA1006158//Homo sapiens transcription factor forkhead-like 7 (FKHL7) gene, complete cds.//0//155 lbp//99%//AF048693

C-HEMBA1006198//PROLINE-RICH PROTEIN MP-2 PRECURSOR.//1.90E-19//215aa//39%//P05142

C-HEMBA1006248//ZINC FINGER PROTEIN MFG-1 (ZINC FINGER PROTEIN 58) (FRAGMENT).//8.60E-23//151aa//37%//P16372

40 C-HEMBA1006253//DNA-DAMAGE-REPAIR/TOLERATION PROTEIN DRT111 PRECURSOR.//0.00000002//62aa//53%//P42698

C-HEMBA1006268//Homo sapiens HQ0024c mRNA, complete cds.//3.50E-157//845bp//92%//AF073836

C-HEMBA1006272//RETROVIRUS-RELATED PROTEASE (EC 3.4.23.-).//1.30E-123//200aa//73%//P10265

45 C-HEMBA1006278//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYLTRANSFERASE).//1.00E-210//490aa//77%//P25500

C-HEMBA1006283//NUCLEAR POLYADENYLATED RNA-BINDING PROTEIN NAB2.//0.000000012//176aa//30%//P32505

C-HEMBA1006291//2-ARYLPROPIONYL-COA EPIMERASE (EC 5.-.-.-).//4.20E-12//215aa//23%//P70473

50 C-HEMBA1006309//Homo sapiens aspartyl aminopeptidase mRNA, complete cds.//5.30E-169//774bp//100%//AF005050

C-HEMBA1006310//Rattus norvegicus cytosolic sorting protein PACS-1a (PACS-1) mRNA, complete cds.//3.70E-225//1189bp//88%//AF076183

C-HEMBA1006344//RADIXIN.//1.50E-31//333aa//28%//P26043

C-HEMBA1006347//MALES-ABSENT ON THE FIRST PROTEIN (EC 2.3.1.-).//1.60E-130//332aa//62%//O02193

55 C-HEMBA1006359//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6).//3.50E-105//381aa//54%//P28160

C-HEMBA1006398//Human L1 element L1.6 putative pi 50 gene, complete cds.//2.00E-277//1729bp//85%//U93563

C-HEMBA1006445//Homo sapiens putative tumor supressor NOEY2 mRNA, complete cds.//1.40E-270//1224bp//

- 100%//U96750
 C-HEMBA1006474//40 KD PROTEIN.//1.40E-39//292aa//34%//Q01552
 C-HEMBA1006485//PUROMYCIN-SENSITIVE AMINOPEPTIDASE (EC 3.4.11.-) (PSA).//1.90E-81//153aa//97%//P55786
- 5 C-HEMBA1006507//DIAPHANOUS PROTEIN HOMOLOG 2.//1.40E-46//316aa//32%//O60879
 C-HEMBA1006521//3-OXOACYL-[ACYL-CARRIER PROTEIN] REDUCTASE (EC 1.1.1.100) (3-KETOACYL-ACYL CARRIER PROTEIN REDUCTASE).//4.00E-33//177aa//42%//P25716
 C-HEMBA1006559//Mus musculus PRAJA1 (Praja1) mRNA, complete cds.//2.80E-206//1107bp//83%//U06944
 C-HEMBA1006583//Drosophila melanogaster Scribble (scrib) mRNA, complete cds.//1.70E-63//1002bp//65%//AF190774
- 10 C-HEMBA1006624//DNA/PANTOTHENATE METABOLISM FLAVOPROTEIN HOMOLOG.//0.00000069//109aa//38%//Q58323
 C-HEMBA1006650//ARP2/3 COMPLEX 20 KD SUBUNIT (P20-ARC).//9.00E-40//113aa//82%//O15509
 C-HEMBA1006652//60S RIBOSOMAL PROTEIN L7.//2.40E-44//206aa//47%//P14148
- 15 C-HEMBA1006708//HYPOTHETICAL 46.4 KD TRP-ASP REPEATS CONTAINING PROTEIN IN PMC1-TFG2 INTERGENIC REGION.//3.30E-22//241aa//31%//P53196
 C-HEMBA1006737//ANKYRIN, BRAIN VARIANT 2 (ANKYRIN B) (ANKYRIN, NONERYTHROID) (FRAGMENT).//0.000000043//111aa//40%//Q01485
 C-HEMBA1006758//Homo sapiens protocadherin beta 13 (PCDH-beta13) mRNA, complete cds.//0//1832bp//91%//AF152492
- 20 C-HEMBA1006807//Homo sapiens mRNA for SPOP.//5.70E-125//1109bp//75%//AJ000644
 C-HEMBA1006877//OXYSTEROL-BINDINGPROTEIN.//2.00E-59//378aa//39%//P16258
 C-HEMBA1006885//Homo sapiens gene for Proline synthetase associated, complete cds.//0//1467bp//96%//AB018566
- 25 C-HEMBA1006914//Human anthracycline-associated resistance ARX mRNA, complete cds.//0//1837bp//99%//U35832
 C-HEMBA1006941//Homo sapiens PKCq-interacting protein PICOT (PICOT) mRNA, complete cds.//2.10E-271//1234bp//99%//AF118649
 C-HEMBA1006973//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds.//5.60E-143//740bp//94%//AF004828
- 30 C-HEMBA1006976//H.sapiens mRNA for Gal-beta(1-3/4)GlcNAc alpha-2.3-sialyltransferase.//1.90E-80//447bp//89%//X74570
 C-HEMBA1007018//DYNEIN LIGHT INTERMEDIATE CHAIN 1, CYTOSOLIC (UC57/59) (DYNEIN LIGHT CHAIN A) (DLC-A).//2.40E-188//391aa//89%//Q90828
- 35 C-HEMBA1007087//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100 KD SUBUNIT).//8.30E-27//253aa//30%//Q10568
 C-HEMBA1007121//Homo sapiens bisphosphate 3'-nucleotidase mRNA, complete cds.//1.70E-252//1118bp//92%//AF125042
 C-HEMBA1007151//Homo sapiens synphilin 1 mRNA, complete cds.//0//1900bp//99%//AF076929
- 40 C-HEMBA1007174//Homo sapiens epsin 2b mRNA, complete cds.//3.80E-271//642bp//99%//AF062085
 C-HEMBA1007194//Homo sapiens origin recognition complex subunit 6 (ORC6) mRNA, complete cds.//0//1588bp//99%//AF139658
 C-HEMBA1007224//Homo sapiens SUMO-1-specific protease (SSP1) mRNA, complete cds.//0//1590bp//99%//AF196304
- 45 C-HEMBA1007243//Chinese hamster hprt mRNA, complete cds.//2.00E-58//650bp//70%//J00060
 C-HEMBA1007251//Homo sapiens F-box protein FBX29 (FBX29) mRNA, partial cds.//5.00E-58//330bp//95%//AF176707
 C-HEMBA1007300//Homo sapiens 3',5'-cyclic nucleotide phosphodiesterase 10A1 (PDE10A) mRNA, splice variant 1, complete cds.//0//1519bp//99%//AF127479
- 50 C-HEMBA1007301//COLLAGEN ALPHA 1(III) CHAIN (FRAGMENT).//6.20E-18//115aa//33%//P13941
 C-HEMBA1000036//Homo sapiens CGI-51 protein mRNA, complete cds.//0//1665bp//99%//AF151809
 C-HEMBA1000037//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds.//2.80E-187//1582bp//80%//AF084928
- 55 C-HEMBA1000083//MYOSIN LIGHT CHAIN KINASE, SMOOTH MUSCLE AND NON-MUSCLE ISOZYMES (EC 2.7.1.117) (MLCK) [CONTAINS: TELOKIN].//1.90E-22//426aa//25%//P11799
 C-HEMBA1000119//Homo sapiens ASMTL gene.//0//1891bp//99%//Y15521
 C-HEMBA1000144//GUANYLATE CYCLASE ACTIVATING PROTEIN 2 (GCAP 2) (RETINAL GUANYLYL CYCLASE ACTIVATOR PROTEIN P24).//1.40E-24//71aa//77%//P51177

- C-HEMBB1000217//Homo sapiens SUMO-1-activating enzyme E1 N subunit (SUA1) mRNA, complete cds.//0//1038bp//99%//AF090385
- C-HEMBB1000226//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE EEEDB.5.//2.70E-12//112aa//47%//Q09530
- 5 C-HEMBB1000264//CHL1 PROTEIN.//9.50E-19//104aa//45%//P22516
- C-HEMBB1000266//HYPOTHETICAL 54.5 KD TRP-ASP REPEATS CONTAINING PROTEIN ZC302.2 IN CHROMOSOME V.//6.10E-09//242aa//26%//Q23256
- C-HEMBB1000317//FIBULIN-1, ISOFORM D PRECURSOR.//7.10E-62//458aa//35%//P37888
- 10 C-HEMBB1000593//Homo sapiens transferrin receptor 2 alpha (TFR2) mRNA, complete cds.//1.30E-107//503bp//99%//AF067864
- C-HEMBB1000631//LONGEVITY-ASSURANCE PROTEIN 1 (LONGEVITY ASSURANCE FACTOR 1).//4.10E-19//232aa//28%//P78970
- C-HEMBB1000632//GUANINE NUCLEOTIDE RELEASING PROTEIN (GNRP).//2.20E-28//273aa//31%//P27671
- C-HEMBB1000693//Homo sapiens neuroan1 mRNA, complete cds.//0//2952bp//94%//AF040723
- 15 C-HEMBB1000725//Rattus norvegicus GTPase Rab8b (Rab8b) mRNA, complete cds.//6.20E-130//692bp//93%//U53475
- C-HEMBB1000763//Homo sapiens CGI-89 protein mRNA, complete cds.//0//1676bp//96%//AF151847
- C-HEMBB1000781//Homo sapiens mitogen-activated protein kinase kinase kinase MEKK2 mRNA, complete cds.//1.20E-126//613bp//97%//AF111105
- 20 C-HEMBB1000789//PUTATIVE 90.2 KD ZINC FINGER PROTEIN IN CCA1-ADK2 INTERGENIC REGION.//5.10E-54//232aa//43%//P39956
- C-HEMBB1000831//Homo sapiens breast cancer nuclear receptor-binding auxiliary protein (BRX) mRNA, complete cds.//5.80E-60//301bp//99%//AF126008
- C-HEMBB1000915//SUBTILISIN-LIKE PROTEASE PACE4 PRECURSOR (EC 3.4.21.-).//1.10E-08//129aa//31%//P29122
- 25 C-HEMBB1000927//Homo sapiens A-type potassium channel modulatory protein 2 (KCHIP2) mRNA, complete cds.//1.30E-126//592bp//99%//AF199598
- C-HEMBB1000947//Homo sapiens clone HAW100 putative ribonuclease III mRNA, complete cds.//0//2292bp//99%//AF116910
- 30 C-HEMBB1000973//Mus musculus schlafen3 (Slfn3) mRNA, complete cds.//3.40E-120//580bp//67%//AF099974
- C-HEMBB1000985//MIPP PROTEIN (MURINE IAP-PROMOTED PLACENTA-EXPRESSED PROTEIN).//8.60E-18//178aa//30%//P28575
- C-HEMBB1001011//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.40E-73//230aa//45%//P51523
- 35 C-HEMBB1001056//PROLIFERATING-CELL NUCLEOLAR ANTIGEN P120 (PROLIFERATION-ASSOCIATED NUCLEOLAR PROTEIN P120).//2.90E-19//264aa//34%//P46087
- C-HEMBB1001058//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds.//3.60E-52//331bp//80%//AF010144
- C-HEMBB1001068//Homo sapiens liprin-beta2 mRNA, partial cds.//2.40E-307//1447bp//97%//AF034803
- 40 C-HEMBB1001112//Homo sapiens sec61 homolog mRNA, complete cds.//6.00E-145//961 bp//83 %//AF077032
- C-HEMBB1001137//Homo sapiens mRNA for putative phospholipase, complete cds.//0//3069bp//99%//AB019435
- C-HEMBB1001151//Rattus norvegicus golgi stacking protein homolog GRASP55 mRNA, complete cds.//4.20E-210//1835bp//76%//AF110267
- C-HEMBB1001175//ANKYRIN.//7.00E-11//169aa//31%//Q02357
- 45 C-HEMBB1001234//65 KD YES-ASSOCIATED PROTEIN (YAP65).//5.40E-93//196aa//54%//P46938
- C-HEMBB1001242//Homo sapiens topoisomerase-related function protein (TRF4-2) mRNA, partial cds.//1.80E-284//713bp//100%//AF089897
- C-HEMBB1001282//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN).//7.00E-43//394aa//34%//P16157
- 50 C-HEMBB1001288//COPPER HOMEOSTASIS PROTEIN CUTC.//7.80E-46//163aa//51%//P46719
- C-HEMBB1001294//GTP-BINDING PROTEIN TC10.//1.20E-79//196aa//80%//P17081
- C-HEMBB1001314//Mus musculus Olf-1/EBF-like-3 transcription factor (O/E-3) mRNA, complete cds.//1.30E-129//724bp//86%//U92703
- C-HEMBB1001331//Mus musculus mRNA for hepatoma-derived growth factor, complete cds, strain:BALB/c.//2.10E-65//458bp//79%//D63850
- 55 C-HEMBB1001339//DXS8237E PROTEIN (FRAGMENT).//4.60E-06//124aa//37%//P98175
- C-HEMBB1001346//Homo sapiens phenylalanine-tRNA synthetase (FARS1) mRNA, nuclear gene encoding mitochondrial protein, complete cds.//1.10E-58//292bp//99%//AF097441

- C-HEMBB1001384//Homo sapiens COP9 complex subunit 4 mRNA, complete cds.//0//1586bp//99%//AF100757
 C-HEMBB1001429//Homo sapiens leucine aminopeptidase mRNA, complete cds.//0//1933bp//99%//AF061738
 C-HEMBB1001443//Rattus norvegicus pyruvate dehydrogenase phosphatase isoenzyme 1 mRNA, complete
 cds.//3.00E-130//553bp//86%//AF062740
 5 C-HEMBB1001482//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//2.10E-57//941aa//
 27%//Q05481
 C-HEMBB1001562//CYCLIN II (MULTIPLE-BAND POLYPEPTIDE II).//1.40E-06//373aa//21%//Q28092
 C-HEMBB1001564//VACUOLAR ATP SYNTHASE SUBUNIT H (EC 3.6.1.34) (V-ATPASE H SUBUNIT) (V-AT-
 PASE M9.2 SUBUNIT) (9.2 KD MEMBRANE ACCESSORY PROTEIN).//9.60E-32//80aa//78%//O15342
 10 C-HEMBB1001673//Homo sapiens gene for new zinc finger protein, complete cds.//0//1919bp//99%//AB012770
 C-HEMBB1001736//EUKARYOTIC TRANSLATION INITIATION FACTOR 3 SUBUNIT 9 (EIF3 P116) (EIF3
 P110).//4.60E-15//391aa//25%//P55884
 C-HEMBB1001749//TRANSCRIPTIONAL ACTIVATOR GCN5.//1.70E-16//84aa//47%//Q03330
 C-HEMBB1001802//Human desmin mRNA, complete cds.//0//1523bp//98%//U59167
 15 C-HEMBB1001831//Homo sapiens PAM COOH-terminal interactor protein 1 (PCIP1) mRNA, complete cds.//0//
 1514bp//99%//AF056209
 C-HEMBB1001839//GASTRULA ZINC FINGER PROTEIN XLCGF42.1 (FRAGMENT).//6.90E-11//87aa//35%//
 P18720
 C-HEMBB1001871//BONE/CARTILAGE PROTEOGLYCAN I PRECURSOR (BIGLYCAN) (PG-S1).//5.40E-75//
 20 241aa//48%//P47853
 C-HEMBB1001872//CELL SURFACE GLYCOPROTEIN EMR1 PRECURSOR (EMR1 HORMONE RECEPTOR)
 (CELL SURFACE GLYCOPROTEIN F4/80).//1.90E-22//210aa//27%//Q61549
 C-HEMBB1001905//TRICHOHYALIN.//2.10E-10//268aa//27%//P37709
 C-HEMBB1001908//Human monocytic leukaemia zinc finger protein (MOZ) mRNA, complete cds.//1.60E-131//
 25 874bp//86%//U47742
 C-HEMBB1001915//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 64E (EC 3.1.2.15) (UBIQUITIN THI-
 OLESTERASE 64E) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 64E) (DEUBIQUITINATING ENZYME
 64E).//6.90E-132//561aa//50%//Q24574
 C-HEMBB1001950//PROBABLE OXYGEN-INDEPENDENT COPROPORPHYRINOGEN III OXIDASE (EC 1.-.-.-)
 30 (COPROPORPHYRINOGENASE) (COPROGEN OXIDASE).//1.60E-41//370aa//31%//P54304
 C-HEMBB1002042//CYTOCHROME P450 4C1 (EC 1.14.14.1) (CYP1VC1).//2.70E-49//139aa//55%//P29981
 C-HEMBB1002044//Mus musculus mRNA for vascular cadherin-2.//0//3562bp//81%//Y08715
 C-HEMBB1002134//ZINC-FINGER PROTEIN NEURO-D4.//8.10E-56//176aa//67%//P56163
 C-HEMBB1002193//TYROSINE-PROTEIN KINASE RECEPTOR TYRO3 PRECURSOR (TYROSINE-PROTEIN
 35 KINASE RSE) (TYROSINE-PROTEIN KINASE DTK) (TK19-2).//8.70E-61//77aa//74%//P55144
 C-HEMBB1002217//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//2.10E-132//399aa//
 44%//Q05481
 C-HEMBB1002266//NEURONAL PROTEIN.//2.10E-46//121aa//76%//P41737
 C-HEMBB1002342//Homo sapiens PKCq-interacting protein PICOT (PICOT) mRNA, complete cds.//1.50E-229//
 40 1045bp//99%//AF118649
 C-HEMBB1002442//LIN-10 PROTEIN.//9.70E-14//121aa//31%//P34692
 C-HEMBB1002477//Human Grb2-associated binder-1 mRNA, complete cds.//7.70E-258//774bp//99%//U43885
 C-HEMBB1002510//GYP7 PROTEIN.//3.10E-50//192aa//42%//P48365
 C-HEMBB1002550//HYPOTHETICAL UOG-1 PROTEIN.//5.00E-28//266aa//33%//P27544
 45 C-HEMBB1002600//Homo sapiens tetraspan NET-5 mRNA, complete cds.//0//1417bp//99%//AF089749
 C-HEMBB1002607//Homo sapiens vitamin D3 receptor interacting protein (DRIP80) mRNA, complete cds.//2.00E-
 136//660bp//98%//AF105421
 C-HEMBB1002705//Homo sapiens CGI-27 protein mRNA, complete cds.//7.80E-285//841bp//96%//AF132961
 C-MAMMA1000020//H.sapiens mRNA for flavin-containing monooxygenase 5 (FMO5).//8.20E-198//868bp//99%//
 50 Z47553
 C-MAMMA1000045//ENV POLYPROTEIN [CONTAINS: SURFACE PROTEIN GP85; MEMBRANE PROTEIN
 GP37].//1.90E-07//249aa//27%//P03396
 C-MAMMA1000055//TESTIN 2 (TES2) [CONTAINS: TESTIN 1 (TES1)].//1.50E-90//323aa//48%//P47226
 C-MAMMA1000085//PUTATIVE CYSTEINYL-TRNA SYNTHETASE C29E6.06C (EC 6.1.1.16) (CYSTEINE-
 55 TRNA LIGASE) (CYSRS).//2.10E-90//427aa//39%//Q09860
 C-MAMMA1000173//Homo sapiens src homology 3 domain-containing protein HIP-55 mRNA, complete cds.//
 2.60E-164//1044bp//87%//AF197060
 C-MAMMA1000183//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//3.40E-134//359aa//63%//

- P51523
 C-MAMMA1000284//P.walti mRNA for rnp associated protein 55.//2.20E-109//864bp//76%//X99836
 C-MAMMA1000388//Homo sapiens UKLF mRNA for ubiquitous Kruppel like factor, complete cds.//0//1466bp//99%//AB015132
- 5 C-MAMMA1000416//HYPOTHETICAL 32.0 KD PROTEIN C09F5.2 IN CHROMOSOME III.//2.00E-30//119aa//53%//Q09232
 C-MAMMA1000612//Homo sapiens G protein beta subunit mRNA, partial cds.//8.30E-178//1992bp//84%//AF195883
 C-MAMMA1000625//GYP7 PROTEIN.//2.10E-41//198aa//40%//P48365
- 10 C-MAMMA1000672//VITELLOGENIC CARBOXYPEPTIDASE PRECURSOR (EC 3.4.16.)/.//4.40E-33//250aa//33%//P42660
 C-MAMMA1000684//Homo sapiens opioid growth factor receptor mRNA, complete cds.//0//2391bp//99%//AF172451
 C-MAMMA1000713//L-RBULOKINASE (EC 2.7.1.16).//7.70E-17//246aa//29%//P94524
- 15 C-MAMMA1000731//CHROMODOMAIN-HELICASE-DNA-BINDING PROTEIN 1 (CHD-1).//1.00E-77//395aa//45%//O14646
 C-MAMMA1000734//Homo sapiens mRNA for SEC63 protein.//0//1587bp//99%//AJ011779
 C-MAMMA1000738//HYPOTHETICAL 116.5 KD PROTEIN C20G8.09C IN CHROMOSOME I.//9.00E-299//1033aa//55%//P87115
- 20 C-MAMMA1000824//ACTIN.//6.20E-20//284aa//28%//P53500
 C-MAMMA1000841//PUTATIVE AMIDASE (EC 3.5.1.4).//7.80E-40//101aa//54%//O27540
 C-MAMMA1000897//INTER-ALPHA-TRYPSIN INHIBITOR HEAVY CHAIN H3 PRECURSOR (TTI HEAVY CHAIN H3) (SERUM-DERIVED HYALURONAN-ASSOCIATED PROTEIN) (SHAP).//1.00E-141//576aa//37%//Q06033
 C-MAMMA1000956//Homo sapiens CLDN8 gene for claudin-8.//0//1767bp//99%//AJ250711
- 25 C-MAMMA1001008//Homo sapiens aspartic-like protease mRNA, complete cds.//2.50E-276//1263bp//99%//AF117892
 C-MAMMA1001030//LUTROPIN-CHORIOGONADOTROPIC HORMONE RECEPTOR (LH/CG-R) (LSH-R) (LUTEINIZING HORMONE RECEPTOR) (FRAGMENT).//1.20E-26//276aa//28%//Q90674
 C-MAMMA1001038//MYOSIN LIGHT CHAIN KINASE, SMOOTH MUSCLE AND NON-MUSCLE ISOZYMES (EC 2.7.1.117) (MLCK) [CONTAINS: TELOKIN].//2.60E-107//190aa//95%//Q15746
- 30 C-MAMMA1001041//SPECTRIN BETA CHAIN, BRAIN (SPECTRIN, NON-ERYTHROID BETA CHAIN) (FODRIN BETA CHAIN) (SPTBN1).//1.60E-16//113aa//41%//Q01082
 C-MAMMA1001059//Homo sapiens mRNA for DEAD Box Protein 5.//0//1440bp//99%//AJ237946
 C-MAMMA1001075//Homo sapiens CGI-72 protein mRNA, complete cds.//1.30E-181//397bp//98%//AF151830
- 35 C-MAMMA1001080//Homo sapiens SNC73 protein (SNC73) mRNA, complete cds.//1.6E-312//1596bp//94%//AF067420
 C-MAMMA1001105//OVO PROTEIN (SHAVEN BABY PROTEIN).//4.00E-49//125aa//68%//P51521
 C-MAMMA1001139//SRE-2 PROTEIN.//5.80E-35//239aa//38%//Q09273
 C-MAMMA1001181//ABC1 PROTEIN HOMOLOG PRECURSOR.//1.30E-07//81aa//45%//Q92338
- 40 C-MAMMA1001198//Homo sapiens eps15R mRNA, partial cds.//0//2253bp//99%//AB015346
 C-MAMMA1001222//EBNA-2 NUCLEAR PROTEIN.//6.60E-09//255aa//29%//P12978
 C-MAMMA1001259//Mus musculus F-box protein FBX18 mRNA, partial cds.//2.30E-271//1414bp//89%//AF184275
- 45 C-MAMMA1001260//HYPOTHETICAL 97.1 KD PROTEIN R05D3.4 IN CHROMOSOME III.//2.10E-52//630aa//30%//P34537
 C-MAMMA1001305//RHO-GTPASE-ACTIVATING PROTEIN 1 (GTPASE-ACTIVATING PROTEIN RHOGAP) (RHO-RELATED SMALL GTPASE PROTEIN ACTIVATOR) (CDC42 GTPASE-ACTIVATING PROTEIN) (P50-RHOGAP).//2.20E-98//283aa//63%//Q07960
 C-MAMMA1001322//B-CELL GROWTH FACTOR PRECURSOR (BCGF-12 KD).//0.000000017//46aa//60%//P20931
- 50 C-MAMMA1001388//LEUCINE-RICH ALPHA-2-GLYCOPROTEIN (LRG).//1.40E-165//312aa//99%//P02750
 C-MAMMA1001476//URIDINE KINASE (EC 2.7.1.48) (URIDINE MONOPHOSPHOKINASE) (FRAGMENT).//6.50E-129//260aa//92%//P52623
 C-MAMMA1001501//CALPAIN 1, LARGE [CATALYTIC] SUBUNIT (EC 3.4.22.17) (CALCIUM-ACTIVATED NEUTRAL PROTEINASE) (CANP) (MU-TYPE).//5.70E-55//86aa//97%//P07384
- 55 C-MAMMA1001576//Human gamma-tubulin mRNA, complete cds.//7.50E-276//1561bp//90%//M61764
 C-MAMMA1001627//Homo sapiens mRNA for transcription factor TBX6.//5.20E-189//871bp//99%//AJ007989
 C-MAMMA1001633//ZINC FINGER PROTEIN 165.//6.30E-39//160aa//55%//P49910

C-MAMMA1001679//F-ACTIN CAPPING PROTEIN BETA SUBUNIT (CAPZ).//0.00000058//29aa//100%//P47756
 C-MAMMA1001730//Homo sapiens brain and nasopharyngeal carcinoma susceptibility protein NSG-x mRNA, partial cds.//0//1603bp//99%//AF095687
 C-MAMMA1001735//TUBULIN BETA-5 CHAIN (BETA-TUBULIN CLASS-V).//5.90E-240//445aa//97%//P09653
 5 C-MAMMA1001743//Y BOX BINDING PROTEIN-1 (Y-BOX TRANSCRIPTION FACTOR).//8.50E-32//171aa//36%//P21573
 C-MAMMA1001751//Homo sapiens tandem pore domain potassium channel TWIK-2 (KCNK6) mRNA, complete cds.//0//2332bp//99%//AF117708
 C-MAMMA1001754//Homo sapiens Vacuolar proton pump subunit SFD alpha isoform mRNA complete cds.//0//1987bp//99%//AF112204
 10 C-MAMMA1001768//CELL DIVISION CYCLE PROTEIN 48 HOMOLOG MJ1156.//3.80E-45//351aa//38%//Q58556
 C-MAMMA1001771//M.musculus mRNA for semaphorin B.//2.60E-200//1272bp//79%//X85991
 C-MAMMA1001820//Rattus norvegicus mRNA for PAG608 gene.//1.30E-198//1157bp//80%//Y13148
 15 C-MAMMA1001837//ZINC FINGER PROTEIN 29 (ZFP-29).//2.60E-77//507aa//38%//Q07230
 C-MAMMA1001868//TRICHOHYALIN.//2.70E-19//359aa//25%//P22793
 C-MAMMA1002143//Homo sapiens Cdc42 effector protein 4 mRNA, complete cds.//1.70E-252//1170bp//99%//AF099664
 C-MAMMA1002170//40S RIBOSOMAL PROTEIN S2 (S4) (LLREP3 PROTEIN).//6.00E-66//157aa//70%//P15880
 20 C-MAMMA1002198//THIOREDOXIN PEROXIDASE 1 (THIOREDOXIN-DEPENDENT PEROXIDE REDUCTASE 1) (THIOL-SPECIFIC ANTIOXIDANT PROTEIN) (TSA) (PRP) (NATURAL KILLER CELL ENHANCING FACTOR B) (NKEF-B).//5.20E-61//60aa//90%//P32119
 C-MAMMA1002219//Rattus norvegicus rexo70 mRNA, complete cds.//1.30E-181//861bp//98%//AF032667
 C-MAMMA1002236//TRANSLATION INITIATION FACTOR EIF-2B GAMMA SUBUNIT (EIF-2B GDP-GTP EXCHANGE FACTOR).//8.80E-217//310aa//86%//PP70541
 25 C-MAMMA1002268//Mus musculus sphingosine kinase (SPHK1a) mRNA, partial cds.//1.00E-190//1624bp//76%//AF068748
 C-MAMMA1002297//Homo sapiens mRNA for Rab6 GTPase activating protein.//1.10E-214//881bp//97%//AJ011679
 30 C-MAMMA1002329//M.musculus mRNA for semaphorin B.//3.80E-45//332bp//84%//X85991
 C-MAMMA1002351//Mus musculus dynactin subunit p25 (p25) mRNA, complete cds.//4.30E-119//773bp//86%//AF190795
 C-MAMMA1002385//RIBONUCLEOPROTEIN RB97D.//1.50E-07//206aa//29%//Q02926
 C-MAMMA1002428//LYSOSOME MEMBRANE PROTEIN II (LIMP II) (85 KD LYSOSOMAL MEMBRANE SIALOGLYCOPROTEIN) (LGP85) (CD36 ANTIGEN-LIKE 2).//1.10E-24//96aa//68%//Q14108
 35 C-MAMMA1002470//PROBABLE NH(3)-DEPENDENT NAD(+) SYNTHETASE (EC 6.3.5.1).//1.00E-11//128aa//36%//P47623
 C-MAMMA1002485//Homo sapiens stanniocalcin-related protein mRNA, complete cds.//0//1822bp//99%//AF098462
 40 C-MAMMA1002524//HYPOTHETICAL 117.8 KD PROTEIN IN STE2-FRS2 INTERGENIC REGION.//1.20E-34//337aa//31%//P43571
 C-MAMMA1002530//Homo sapiens cytosolic phospholipase A2 gamma (cPLA2 gamma) mRNA, complete cds.//0//1910bp//99%//AF065214
 C-MAMMA1002573//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//2.60E-19//666aa//23%//P08640
 45 C-MAMMA1002617//ZINC FINGER PROTEIN 135.//7.60E-89//252aa//57%//P52742
 C-MAMMA1002619//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE K02C4.3 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE) (DEUBIQUITINATING ENZYME).//9.50E-16//159aa//37%//Q09931
 50 C-MAMMA1002622//VILLIN.//7.20E-35//53aa//64%//P02640
 C-MAMMA1002637//KINESIN LIGHT CHAIN (KLC).//1.30E-198//550aa//70%//Q07866
 C-MAMMA1002650//Mus musculus ODA-8S protein mRNA, complete cds.//5.40E-57//480bp//68%//AF194030
 C-MAMMA1002655//Homo sapiens mRNA for ganglioside sialidase, complete cds.//0//1515bp//99%//AB008185
 C-MAMMA1002671//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE-COA LIGASE) (ACYL-AC-TIVATING ENZYME).//1.10E-45//618aa//26%//P27550
 55 C-MAMMA1002699//Rattus norvegicus EH domain binding protein Epsin mRNA, complete cds.//4.3e-317//1942bp//85%//AF018261
 C-MAMMA1002769//Homo sapiens cell cycle progression restoration 8 protein (CPR8) mRNA, complete cds.//

- 2.20E-25//330bp//77%//AF011794
 C-MAMMA1002842//Mus musculus c-Cbl associated protein CAP mRNA, complete cds.//2.60E-58//373bp//81%//U58883
 C-MAMMA1002844//TRIOSE PHOSPHATE/PHOSPHATE TRANSLOCATOR, NON-GREEN PLASTID PRECURSOR (CTPT).//4.90E-10//334aa//22%//P52178
 5 C-MAMMA1002858//Rat cMG1 mRNA.//3.70E-238//1147bp//92%//X52590
 C-MAMMA1002869//PINCH PROTEIN (PARTICULARLY INTERESTING NEW CYS-HIS PROTEIN).//1.40E-160//305aa//85%//P48059
 C-MAMMA1002881//GLIOMA PATHOGENESIS-RELATED PROTEIN (RTVP-1 PROTEIN).//5.70E-30//214aa//35%//P48060
 10 C-MAMMA1002937//ZINC FINGER PROTEIN 135.//8.30E-99//393aa//43%//P52742
 C-MAMMA1002972//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS27.//1.10E-05//69aa//42%//P40343
 C-MAMMA1003011//HISTONE MACRO-H2A.1.//2.70E-123//370aa//66%//Q02874
 15 C-MAMMA1003013//DNA POLYMERASE BETA (EC 2.7.7.7).//7.40E-46//332aa//36%//P06746
 C-MAMMA1003035//RIBOSOMAL LARGE SUBUNIT PSEUDOURIDINE SYNTHASE C (EC 4.2.1.70) (PSEUDOURIDYLATE SYNTHASE) (URACIL HYDROLYASE).//1.90E-13//108aa//33%//P23851
 C-MAMMA1003047//Homo sapiens protein inhibitor of activated STAT protein PIASy mRNA, complete cds.//0//1533bp//99%//AF077952
 20 C-MAMMA1003057//MD6 PROTEIN.//3.10E-225//419aa//97%//Q60584
 C-MAMMA1003113//Mus musculus COP9 complex subunit 7a (COPS7a) mRNA, complete cds.//1.10E-234//1178bp//86%//AF071316
 C-MAMMA1003127//MYOSIN I ALPHA (MMI-ALPHA).//2.20E-105//217aa//89%//P46735
 C-MAMMA1003146//Homo sapiens mRNA for GalT3 protein.//4.30E-218//996bp//99%//Y15062
 25 C-MAMMA1003150//HYPOTHETICAL 118.4 KD PROTEIN IN BAT2-DAL5 INTERGENIC REGION PRECURSOR.//5.00E-13//592aa//24%//P47179
 C-MAMMA1003166//Homo sapiens MLL septin-like fusion protein (MSF) mRNA, complete cds.//3.10E-158//592bp//97%//AF123052
 C-NT2RM1000001//D.melanogaster sap47-2 mRNA.//1.50E-10//417bp//62%//X80110
 30 C-NT2RM1000039//HYPOTHETICAL 41.4 KD PROTEIN IN SRLQ-HYPF INTERGENIC REGION (EC 1.18.1.-) (ORF4) (ORF2).//2.90E-14//299aa//25%//P37596
 C-NT2RM1000055//Rattus norvegicus mRNA for TIP120, complete cds.//0//3106bp//89%//D87671
 C-NT2RM1000080//UNC-1 PROTEIN.//5.90E-25//211aa//31%//Q21190
 C-NT2RM1000086//HYPOTHETICAL 97.1 KD PROTEIN R05D3.4 IN CHROMOSOME III.//8.40E-52//364aa//32%//P34537
 35 C-NT2RM1000092//MULTIDRUG RESISTANCE PROTEIN 2 (MULTIDRUG-EFFLUX TRANSPORTER 2).//1.00E-07//362aa//23%//P39843
 C-NT2RM1000118//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT) (CALCINEURIN REGULATORY SUBUNIT).//1.20E-10//150aa//28%//P87072
 40 C-NT2RM1000132//Homo sapiens NADH:ubiquinone oxidoreductase NDUF6 subunit mRNA, nuclear gene encoding mitochondrial protein, complete cds.//7.80E-110//516bp//99%//AF044959
 C-NT2RM1000153//CYTOSOLIC PURINE 5'-NUCLEOTIDASE (EC 3.1.3.5).//3.30E-38//469aa//27%//P49902
 C-NT2RM1000186//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT) (CALCINEURIN REGULATORY SUBUNIT).//1.20E-10//150aa//28%//P87072
 45 C-NT2RM1000187//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE SPAC10F6.02C.//1.10E-10//94aa//47%//O42643
 C-NT2RM1000199//Homo sapiens mRNA for type I transmembrane receptor (psk-1 gene).//0//2476bp//99%//AJ245820
 C-NT2RM1000244//Homo sapiens TRAF4 associated factor 1 mRNA, partial cds.//2.00E-126//592bp//99%//U81002
 50 C-NT2RM1000252//H.sapiens E-MAP-115 mRNA.//9.70E-35//569bp//64%//X73882
 C-NT2RM1000256//Homo sapiens mRNA for Glutamine:fructose-6-phosphate amidotransferase, complete cds.//0//3012bp//99%//AB016789
 C-NT2RM1000257//MAGO NASHI PROTEIN.//7.90E-69//143aa//91%//P49028
 55 C-NT2RM1000260//Homo sapiens thyroid hormone receptor-associated protein complex component TRAP100 mRNA, complete cds.//0//2766bp//99%//AF055995
 C-NT2RM1000280//VACUOLAR ATP SYNTHASE SUBUNIT D (EC 3.6.1.34) (V-ATPASE D SUBUNIT) (V-ATPASE 28 KD ACCESSORY PROTEIN).//1.50E-106//118aa//97%//P39942

- C-NT2RM1000354//Xenopus laevis chromosome condensation protein XCAP-G mRNA, complete cds.//7.40E-245//2101bp//68%//AF111423
- C-NT2RM1000355//Homo sapiens transmembrane protein BRI (BRI) mRNA, complete cds.7/0//1599bp//99%//AF152462
- 5 C-NT2RM1000377//Homo sapiens dual specificity phosphatase MKP5 (MKP5) mRNA, complete cds.//3.20E-196//1016bp//94%//AF179212
- C-NT2RM1000388//HYPOTHETICAL 27.7 KD PROTEIN IN CPT1-SPC98 INTERGENIC REGION.//0.000000019//67aa//31%//P53915
- C-NT2RM1000421//RIBONUCLEASE INHIBITOR.//4.40E-21//372aa//30%//P10775
- 10 C-NT2RM1000430//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds.//1.40E-185//1486bp//81%//AF084928
- C-NT2RM1000499//Caenorhabditis elegans mRNA for centaurin gamma 1A.//3.00E-17//927bp//58%//AJ132700
- C-NT2RM1000539//Homo sapiens mRNA for Lsm5 protein.//3.00E-158//733bp//99%//AJ238097
- C-NT2RM1000553//Homo sapiens putative glycolipid transfer protein mRNA, complete cds.//3.40E-177//814bp//99%//AF103731
- 15 C-NT2RM1000555//UNR PROTEIN.//0//678aa//98%//P18395
- C-NT2RM1000563//TRANSMISSION-B LOCKING TARGET ANTIGEN S230 PRECURSOR.//0.0000068//199aa//30%//Q08372
- C-NT2RM1000623//RIBONUCLEASE INHIBITOR.//4.40E-21//372aa//30%//P10775
- 20 C-NT2RM1000648//GLYCOSYLTRANSFERASE ALG2 (EC 2.4.1.-).//8.50E-75//301aa//39%//P43636
- C-NT2RM1000661//Homo sapiens translation initiation factor 4e mRNA, complete cds.//5.70E-210//960bp//99%//AF038957
- C-NT2RM1000666//DNA-BINDING PROTEIN A.//2.20E-09//165aa//34%//P16989
- C-NT2RM1000691//Homo sapiens mRNA for PLU-1 protein.//0//3104bp//99%//AJ132440
- 25 C-NT2RM1000702//PUTATIVE SERINE/THREONINE-PROTEIN KINASE PKWA (EC 2.7.1.-).//5.60E-08//187aa//27%//P49695
- C-NT2RM1000742//Homo sapiens AC133 antigen mRNA, complete cds.//0//3524bp//99%//AF027208
- C-NT2RM1000746//Homo sapiens polyamine modulated factor-1 (PMF1) mRNA, complete cds.//6.70E-227//1043bp//99%//AF141310
- 30 C-NT2RM1000770//DXS6673E PROTEIN.//1.40E-39//194aa//48%//Q14202
- C-NT2RM1000772//VEGETABLE INCOMPATIBILITY PROTEIN HET-E-1.//7.30E-15//280aa//27%//Q00808
- C-NT2RM1000800//Mus musculus partial mRNA for B-IND1 protein (B-indl gene).//1.10E-98//571bp//89%//Z97207
- C-NT2RM1000811//Homo sapiens AC133 antigen mRNA, complete cds.//0//3524bp//99%//AF027208
- 35 C-NT2RM1000826//UNR PROTEIN.//0//678aa//98%//P18395
- C-NT2RM1000833//Homo sapiens sec61 homolog mRNA, complete cds.//0//3541 bp//99%//AF08445 8
- C-NT2RM1000850//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN).//9.70E-42//333aa//36%//P16157
- C-NT2RM1000852//Homo sapiens putative ATP-dependent RNA helicase ROK1 mRNA, complete cds.//0//2206bp//99%//AF077033
- 40 C-NT2RM1000874//Homo sapiens death effector domain-containing testicular molecule mRNA, complete cds.//1.40E-244//1113bp//99%//AF043733
- C-NT2RM1000882//Homo sapiens delta-6 fatty acid desaturase mRNA, complete cds.//4.30E-122//1394bp//69%//AF126799
- 45 C-NT2RM1000883//Homo sapiens I-1 receptor candidate protein mRNA, complete cds.//0//5107bp//99%//AF082516
- C-NT2RM1000885//HYPOTHETICAL 97.1 KD PROTEIN R05D3.4 IN CHROMOSOME III.//1.80E-56//630aa//30%//P34537
- C-NT2RM1000894//DNA-DIRECTED RNA POLYMERASE 1135 KD POLYPEPTIDE (EC 2.7.7.6) (RNA POLYMERASE I SUBUNIT 2) (RPA135).//0//1020aa//89%//P70700
- 50 C-NT2RM1000898//ACTIN, CYTOPLASMIC (ACTIN, MICRONUCLEAR).//8.90E-26//229aa//29%//P02583
- C-NT2RM1000924//HYPOTHETICAL 39.7 KD PROTEIN C34E10.2 IN CHROMOSOME III.//1.00E-15//266aa//26%//P46577
- C-NT2RM1001003//Homo sapiens alpha-catenin-like protein (CTNNAL1) mRNA, complete cds.//0//2230bp//99%//AF030233
- 55 C-NT2RM1001008//HYPOTHETICAL 72.5 KD PROTEIN C2F7.10 IN CHROMOSOME I.//1.60E-13//119aa//36%//Q09701
- C-NT2RM1001059//NUCLEAR POLYADENYLATED RNA-BINDING PROTEIN NAB4.//3.60E-11//180aa//28%//

- Q99383
C-NT2RM1001072//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODEESTERASE GAMMA 1 (EC 3.1.4.11) (PLC-GAMMA-1) (PHOSPHOLIPASE C-GAMMA-1) (PLC-II) (PLC-148).//8.30E-47//259aa//35%//P08487
- 5 C-NT2RM1001092//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//3.60E-115//332aa//52%//Q05481
C-NT2RM1001102//Human HEM45 mRNA, complete cds.//2.30E-27//482bp//63%//U88964
C-NT2RM1001115//ENDOCHITINASE 2 PRECURSOR (EC 3.2.1.14).//5.60E-06//239aa//27%//P54197
C-NT2RM2000013//DNA-DIRECTED RNA POLYMERASE III 128 KD POLYPEPTIDE (EC 2.7.7.6) (RNA POLYMERASE III SUBUNIT 2).//2.20E-144//362aa//71%//P25167
- 10 C-NT2RM2000030//DYNEIN INTERMEDIATE CHAIN, CYTOSOLIC (DH IC) (CYTOPLASMIC DYNEIN INTERMEDIATE CHAIN).//0.00000043//136aa//31%//P54703
C-NT2RM2000092//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 8 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 8) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 8) (DEUBIQUITINATING ENZYME 8).//1.30E-36//160aa//40%//P50102
- 15 C-NT2RM2000191//Homo sapiens cGMP phosphodiesterase A1 (PDE9A) mRNA, complete cds.//0//1574bp//99%//AF067223
C-NT2RM2000260//EXTENSIN PRECURSOR (PROLINE-RICH GLYCOPROTEIN).//3.60E-19//181aa//34%//P14918
- 20 C-NT2RM2000322//SPERMIDINE SYNTHASE (EC 2.5.1.16) (PUTRESCINE AMINOPROPYLTRANSFERASE) (AMINOPROPYLTRANSFERASE).//8.10E-06//167aa//29%//O48660
C-NT2RM2000363//BREAKPOINT CLUSTER REGION PROTEIN.//1.80E-14//245aa//29%//P11274
C-NT2RM2000368//Homo sapiens protein kinase C-binding protein RACK7 mRNA, partial cds.//0//1506bp//99%//U48251
- 25 C-NT2RM2000371//POLYRIBONUCLEOTIDE NUCLEOTIDYLTRANSFERASE (EC 2.7.7.8) (POLYNUCLEOTIDE).//1.70E-68//419aa//36%//P50849
C-NT2RM2000402//ENDOSOMAL P24A PROTEIN PRECURSOR (70 KD ENDOMEMBRANE PROTEIN) (PHEROMONE ALPHA-FACTOR TRANSPORTER) (ACIDIC 24 KD LATE ENDOCYTIC INTERMEDIATE COMPONENT).//1.60E-54//344aa//33 %//P32802
- 30 C-NT2RM2000407//Mus musculus semaphorin VIa mRNA, complete cds.//9.70E-201//826bp//84%//AF030430
C-NT2RM2000422//SODIUM- AND CHLORIDE-DEPENDENT TRANSPORTER NTT73.//1.00E-222//237aa//89%//Q08469
C-NT2RM2000452//HYPOTHETICAL 63.6 KD PROTEIN IN YPT52-GCN3 INTERGENIC REGION.//1.00E-07//157aa//28%//P36113
- 35 C-NT2RM2000469//NITROGEN PERMEASE REACTIVATOR PROTEIN (EC 2.7.1.-).//8.90E-06//377aa//24%//P22211
C-NT2RM2000490//SYNAPTOTAGMIN (P65).//1.80E-13//166aa//34%//P41823
C-NT2RM2000502//Rattus norvegicus W307 mRNA, complete cds.//1.70E-58//381bp//86%//U78304
C-NT2RM2000504//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds.//0//1673bp//99%//AF061243
- 40 C-NT2RM2000522//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN).//1.30E-12//282aa//32%//P17437
C-NT2RM2000566//Homo sapiens integrin alpha-7 mRNA, complete cds.//0//2519bp//96%//AF032108
C-NT2RM2000577//ISOLEUCYL-TRNA SYNTHETASE (EC 6.1.1.5) (ISOLEUCINE-TRNA LIGASE) (ILERS).//1.70E-187//741aa//46%//P73505
- 45 C-NT2RM2000588//HISTONE DEACETYLASE HDA1.//2.80E-60//384aa//40%//P53973
C-NT2RM2000594//Homo sapiens DNA cytosine-5 methyltransferase 3 beta 3 (DNMT3B) mRNA, complete cds.//0//2712bp//99%//AF156487
C-NT2RM2000599//Homo sapiens F-box protein Lilina (LILINA) mRNA, complete cds.//4.90E-70//838bp//69%//AF179221
- 50 C-NT2RM2000609//Homo sapiens CTL1 gene.//0//1559bp//99%//AJ245620
C-NT2RM2000612//Rattus norvegicus ADP-ribosylation factor-directed GTPase activating protein mRNA, complete cds.//2.60E-106//1069bp//74%//U35776
C-NT2RM2000624//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR SRP75).//4.40E-32//319aa//35%//Q08170
- 55 C-NT2RM2000691//ACTIN-LIKE PROTEIN 3 (ACTIN-2).//3.70E-142//285aa//90%//P32391
C-NT2RM2000714//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP-1).//3.80E-23//184aa//36%//Q15404
C-NT2RM2000718//Homo sapiens endocrine regulator mRNA, complete cds.//0//1731bp//99%//AF121141

C-NT2RM2000735//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6).//2.90E-103//249aa//73%/P28160
 C-NT2RM2000740//POSSIBLE GLOBAL TRANSCRIPTION ACTIVATOR SNF2L.//5.70E-53//266aa//43%/P41877
 C-NT2RM2000821//COATOMER BETA SUBUNIT (BETA-COAT PROTEIN) (BETA-COP).//9.50E-279//545aa//98%/P23514
 5 C-NT2RM2000951//Homo sapiens XYLB mRNA for xylulokinase, complete cds.//1.70E-200//927bp//99%/AB015046
 C-NT2RM2001035//CCR4-ASSOCIATED FACTOR 1 (CAF1).//8.20E-154//285aa//99%/Q60809
 C-NT2RM2001065//Homo sapiens COP9 complex subunit 4 mRNA, complete cds.//0//1554bp//99%/AF100757
 10 C-NT2RM2001100//HYPOTHETICAL 39.7 KD PROTEIN C34E10.2 IN CHROMOSOME III.//2.40E-15//266aa//26%/P46577
 C-NT2RM2001105//Drosophila melanogaster eyelid (eld) mRNA, complete cds.//1.20E-28//805bp//61%/AF053091
 C-NT2RM2001196//PROLINE-RICH PROTEIN MP-3 (FRAGMENT).//1.30E-20//267aa//35%/P05143
 15 C-NT2RM2001201//EUKARYOTIC TRANSLATION INITIATION FACTOR 5 (EIF-5).//1.50E-07//95aa//35%/P48724
 C-NT2RM2001221//KALIRIN (PAM COOH-TERMINAL INTERACTOR PROTEIN 10) (P-CIP10).//3.60E-10//177aa//32%/P97924
 C-NT2RM2001238//GLUTAMINASE, KIDNEY ISOFORM PRECURSOR (EC 3.5.1.2) (GLS) (L-GLUTAMINE AMIDOHYDROLASE).//1.30E-180//328aa//99%/P13264
 20 C-NT2RM2001256//PROTEIN TSG24 (MEIOTIC CHECK POINT REGULATOR).//1.60E-166//312aa//98%/P53995
 C-NT2RM2001324//ZYNIN.//6.80E-55//200aa//41%/Q04584
 C-NT2RM2001345//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//2.90E-08//334aa//22%/Q00808
 25 C-NT2RM2001424//Homo sapiens mRNA for EIB-55kDa-associated protein.//0//1621bp//99%/AJ007509
 C-NT2RM2001499//LOW-AFFINITY CATIONIC AMINO ACID TRANSPORTER-2 (CAT-2) (CAT2).//7.40E-121//437aa//57%/P52569
 C-NT2RM2001547//PROBABLE PROTEIN DISULFIDE ISOMERASE P5 PRECURSOR (EC 5.3.4.1).//6.90E-27//90aa//42%/P38660
 30 C-NT2RM2001575//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A)).//4.30E-61//312aa//44%/P19474
 C-NT2RM2001592//Rattus norvegicus rexo70 mRNA, complete cds.//3.10E-156//909bp//88%/AF032667
 C-NT2RM2001605//Homo sapiens mRNA for PLU-1 protein.//0//3114bp//99%/AJ132440
 C-NT2RM2001613//Homo sapiens sec61 homolog mRNA, complete cds.//0//2601 bp//99%/AF084458
 35 C-NT2RM2001632//KES1 PROTEIN.//1.40E-31//342aa//34%/P35844
 C-NT2RM2001635//NUCLEAR ENVELOPE PORE MEMBRANE PROTEIN POM 121 (PORE MEMBRANE PROTEIN OF 121 KD) (P145).//1.20E-142//566aa//56%/P52591
 C-NT2RM2001648//Homo sapiens sec61 homolog mRNA, complete cds.//0//2421 bp//99%/AF084458
 C-NT2RM2001652//Homo sapiens guanine nucleotide exchange factor mRNA, complete cds.//0//2608bp//99%/AF111162
 40 C-NT2RM2001659//ZINC/CADMIUM RESISTANCE PROTEIN.//3.40E-39//161aa//34%/P20107
 C-NT2RM2001664//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA complete cds.//0//2471bp//99%/AF044195
 C-NT2RM2001668//Homo sapiens putative WHSC1 protein (WHSC1) mRNA, alternative splice product ending in intron 11, complete cds.//6.20E-16//464bp//62%/AFQ83391
 45 C-NT2RM2001670//ZINC FINGER PROTEIN 29 (ZFP-29).//6.50E-104//407aa//43%/Q07230
 C-NT2RM2001671//Oryctolagus cuniculus sarcolemmal associated protein (SLAP1) mRNA, complete cds.//0//1843bp//94%/U21155
 C-NT2RM2001688//HYPOTHETICAL 33.8 KD PROTEIN C5H10.01 IN CHROMOSOME I.//4.60E-20//253aa//30%/Q09674
 50 C-NT2RM2001698//Homo sapiens XGalT-1 mRNA for galactosyltransferase I, complete cds.//6.20E-253//1170bp//99%/AB028600
 C-NT2RM2001700//ACYL-COA DEHYDROGENASE, VERY-LONG-CHAIN SPECIFIC (EC 1.3.99.-) (VLCAD) (FRAGMENT).//5.70E-130//536aa//49%/P50544
 55 C-NT2RM2001716//Homo sapiens BPTF mRNA for bromodomain PHD finger transcription factor, complete cds.//0//1774bp//98%/AB032251
 C-NT2RM2001730//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE K02C4.3 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE) (DEUBIQUITINATING EN-

ZYME).//7.20E-16//381aa//27%//Q09931
 C-NT2RM2001743//Homo sapiens cell cycle progression 2 protein (CPR2) mRNA, complete cds.//0//1498bp//99%//AF011792
 C-NT2RM2001753//HYPOTHETICAL PROTEIN KIAA0210.//8.80E-11//119aa//36%//Q92609
 5 C-NT2RM2001760//Homo sapiens sec61 homolog mRNA, complete cds.//0//2379bp//99%//AF084458
 C-NT2RM2001771//ZINC FINGER PROTEIN 135.//6.40E-154//394aa//64%//P52742
 C-NT2RM2001782//Homo sapiens GDP-mannose pyrophosphorylase A (GMPPA) mRNA, complete cds.//0//1470bp//99%//AF135422
 10 C-NT2RM2001785//Homo sapiens delta-6 fatty acid desaturase mRNA, complete cds.//0//2150bp//99%//AF126799
 C-NT2RM2001803//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds.//0//2249bp//99%//AF044195
 C-NT2RM2001823//CHD1 PROTEIN.//1.80E-106//631aa//739%//P32657
 C-NT2RM2001839//Homo sapiens calumein (Calu) mRNA, complete cds.//0//2415bp//97%//AF013759
 15 C-NT2RM2001886//PAB-DEPENDENT POLY(A)-SPECIFIC RIBONUCLEASE SUBUNIT PAN2 (EC 3.1.13.4) (PAB1P-DEPENDENT POLY(A)-NUCLEASE).//3.00E-54//337aa//39%//P53010
 C-NT2RM2001896//CELL DIVISION PROTEIN FTSJ.//5.10E-26//204aa//34%//P28692
 C-NT2RM2001930//M.musculus mRNA for semaphorin G.//5.20E-135//894bp//83%//X97818
 C-NT2RM2001935//Homo sapiens single-strand selective monofunctional uracil DNA glycosylase mRNA, complete cds.//0//1454bp//99%//AF125182
 20 C-NT2RM2001936//32.3 KD PROTEIN IN CWP1-MBR1 INTERGENIC REGION.//2.70E-27//216aa//34%//P28320
 C-NT2RM2001950//HYPOTHETICAL 105.9 KD PROTEIN IN AAC3-RFC5 INTERGENIC REGION.//0.0000001//212aa//23%//P38250
 25 C-NT2RM2001983//Homo sapiens RGS-GAIP interacting protein GIPC mRNA, complete cds.//0//1658bp//98%//AF089816
 C-NT2RM2001989//NUCLEOLAR PROTEIN NOP4 (NUCLEOLAR PROTEIN NOP77).//1.90E-39//253aa//35%//P37838
 C-NT2RM2001997//PROTEIN DISULFIDE ISOMERASE PRECURSOR (PDI) (EC 5.3.4.1).//1.30E-10//232aa//28%//Q12730
 30 C-NT2RM2001998//HYPOTHETICAL 85.7 KD PROTEIN C13G6.03 IN CHROMOSOME L//3.10E-12//206aa//30%//Q09782
 C-NT2RM2002004//LA PROTEIN HOMOLOG (LA RIBONUCLEOPROTEIN) (LA AUTOANTIGEN HOMOLOG).//2.90E-08//83aa//44%//P40796
 35 C-NT2RM2002014//HYPOTHETICAL 81.4 KD PROTEIN IN GREB-FEOA INTERGENIC REGION.//1.10E-89//425aa//41%//P46837
 C-NT2RM2002030//Homo sapiens mRNA for Glutamine:fructose-6-phosphate amidotransferase, complete cds.//0//1959bp//99%//AB016789
 C-NT2RM2002055//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS13.//0.00000099//338aa//24%//Q07878
 40 C-NT2RM2002088//PUTATIVE HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN X (HNRNP X) (CBP).//5.00E-62//104aa//57%//Q61990
 C-NT2RM2002091//Drosophila melanogaster eyelid (eld) mRNA, complete cds.//7.10E-29//805bp//61 %//AF053091
 45 C-NT2RM2002100//Homo sapiens mRNA for ATP-dependent RNA helicase, partial.//0//1807bp//99%//AJ010840
 C-NT2RM2002109//Homo sapiens glioma amplified on chromosome 1 protein (GAC1) mRNA, complete cds.//0//1868bp//99%//AF030435
 C-NT2RM2002128//PUTATIVE SERINE/THREONINE-PROTEIN KINASE PKWA (EC 2.7.1.-).//4.90E-13//487aa//26%//P49695
 50 C-NT2RM2002142//GASTRULATION SPECIFIC PROTEIN G12.//8.00E-31//105aa//47%//P47805
 C-NT2RM2002145//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds.//8.50E-191//1524bp//81%//AF084928
 C-NT2RM4000024//DNA-DIRECTED RNA POLYMERASE III 128 KD POLYPEPTIDE (EC 2.7.7.6) (RNA POLYMERASE III SUBUNIT 2).//7.10E-155//381aa//72%//P25167
 55 C-NT2RM4000030//LAS1 PROTEIN.//5.60E-12//184aa//32%//P36146
 C-NT2RM4000046//GOLIATH PROTEIN (G1 PROTEIN).//0.000008//112aa//31%//Q06003
 C-NT2RM4000104//ZINC FINGER PROTEIN 135.//1.50E-81//251aa//53%//P52742
 C-NT2RM4000139//R.norvegicus trg mRNA.//2.30E-114//1161bp//72%//X68101

- C-NT2RM4000155//THREONYL-TRNA SYNTHETASE, CYTOPLASMIC (EC 6.1.1.3) (THREONINE-TRNA LIGASE) (THRRS).//1.20E-157//321aa//61%/P26639
- C-NT2RM4000156//H.sapiens HPBR11-7 gene.//3.60E-21//785bp//60%/X67336
- C-NT2RM4000167//Homo sapiens mRNA for Chromokinesin (KIF 4 gene).//0//1946bp//99%/AJ271784
- 5 C-NT2RM4000169//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//4.80E-13//686aa//23%/P25386
- C-NT2RM4000191//PUTATIVE ATP-DEPENDENT RNA HELICASE PL10.//9.20E-75//439aa//41%/P16381
- C-NT2RM4000202//ZINC FINGER PROTEIN MOK-2 (HOK-2).//4.90E-32//170aa//41%/Q16600
- C-NT2RM4000215//MAK16 PROTEIN.//1.30E-68//295aa//49%/P10962
- 10 C-NT2RM4000229//Gallus gallus actin filament-associated protein (AFAP-110) mRNA, complete cds.//1.10E-27//633bp//64%/L20303
- C-NT2RM4000233//Mus musculus semaphorin Via mRNA, complete cds.//3.40E-231//1395bp//86%/AF030430
- C-NT2RM4000290//Human transducin-like enhancer protein (TLE3) mRNA, complete cds.//2.20E-276//1124bp//97%/M99438
- 15 C-NT2RM4000344//Homo sapiens mRNA for ATP-dependent metalloprotease YME1L.//0//2030bp//99%/AJ132637
- C-NT2RM4000354//LETHAL(2)DENTICLELESS PROTEIN (DTL83 PROTEIN).//1.50E-21//208aa//35%/Q24371
- C-NT2RM4000356//RAS-RELATED PROTEIN RAB-17.//5.90E-80//213aa//75%/P35292
- C-NT2RM4000386//Mus musculus ODZ3 (Odz3) mRNA, partial cds.//0//2156bp//87%/AF195418
- 20 C-NT2RM4000421//Homo sapiens mRNA for nuclear transport receptor.//0//1730bp//99%/AJ133769
- C-NT2RM4000433//Mus musculus retinoic acid-responsive protein (Stra6) mRNA, complete cds.//4.10E-271//2085bp//77%/AF062476
- C-NT2RM4000457//HYPOTHETICAL 111.9 KD PROTEIN C22H10.03C IN CHROMOSOME I.//8.00E-20//393aa//24%/Q10297
- 25 C-NT2RM4000471//Homo sapiens cysteine desulfurase (nifS) mRNA, complete cds.//0//2092bp//99%/AF097025
- C-NT2RM4000486//SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONES CP3, CP4 AND CP5) [CONTAINS: BASIC PEPTIDE IB-6; PEPTIDE P-H].//4.80E-11//242aa//31%/P04280
- C-NT2RM4000496//SAP1 PROTEIN.//8.30E-53//434aa//29%/P39955
- C-NT2RM4000515//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT PROTEIN) (NF-H) (FRAGMENT).//1.10E-11//394aa//24%/P16884
- 30 C-NT2RM4000531//ZINC FINGER PROTEIN 29 (ZFP-29).//2.40E-89//389aa//43%/Q07230
- C-NT2RM4000590//RING CANAL PROTEIN (KELCH PROTEIN).//1.00E-59//595aa//28%/Q04652
- C-NT2RM4000595//PUTATIVE ADENYLATE CYCLASE REGULATORY PROTEIN.//8.70E-15//403aa//30%/P26337
- 35 C-NT2RM4000611//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//2.90E-09//108aa//31%/Q00808
- C-NT2RM4000616//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE-COA LIGASE) (ACYL- ACTIVATING ENZYME).//2.70E-146//420aa//60%/P27550
- C-NT2RM4000657//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE DELTA 1 (EC 3.1.4.11) (PLC-DELTA-1) (PHOSPHOLIPASE C-DELTA-1) (PLC-III).//3.00E-68//297aa//40%/P51178
- 40 C-NT2RM4000674//HYPOTHETICAL SYMPORTER SLL13747/1.20E-28//180aa//30%/P74168
- C-NT2RM4000712//Homo sapiens ubiquitin hydrolyzing enzyme I (UBH1) mRNA, partial cds.//1.00E-136//1104bp//77%/AF022789
- C-NT2RM4000733//TRANSCRIPTION TERMINATION FACTOR RHO.//0.00000041//207aa//29%/P52154
- C-NT2RM4000734//Homo sapiens Smad- and Olf-interacting zinc finger protein mRNA, partial cds.//0//2071bp//99%/AF221712
- 45 C-NT2RM4000741//Homo sapiens hSGT1 mRNA for hSgt1p, complete cds.//0//2184bp//99%/D88208
- C-NT2RM4000751//ZINC FINGER PROTEIN 184 (FRAGMENT).//3.90E-125//301aa//53%/Q99676
- C-NT2RM4000798//Homo sapiens brefeldin A-inhibited guanine nucleotide-exchange protein 2 mRNA, complete cds.//0//2603bp//99%/AF084521
- 50 C-NT2RM4000820//VACUOLAR ATP SYNTHASE SUBUNIT AC45 PRECURSOR (EC 3.6.1.34) (V-ATPASE AC45 SUBUNIT).//1.10E-24//138aa//44%/P40682
- C-NT2RM4000857//LEUCINE-RICH ALPHA-2-GLYCOPROTEIN (LRG).//6.70E-22//250aa//29%/P02750
- C-NT2RM4000996//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//8.00E-211//738aa//50%/Q05481
- 55 C-NT2RM4001047//MO25 PROTEIN.//8.00E-140//333aa//80%/Q06138
- C-NT2RM4001054//Homo sapiens sec61 homolog mRNA, complete cds.//3.10E-190//1315bp//81%/AF077032
- C-NT2RM4001084//HYPOTHETICAL 105.6 KD PROTEIN C16C9.06C IN CHROMOSOME I.//0.000000032//165aa//33%/Q09820

C-NT2RM4001092//ZINC FINGER PROTEIN GLO37/3.10E-24//265aa//33%/P38682
 C-NT2RM4001116//HYPOTHETICAL 216.3 KD PROTEIN R06F6.8 IN CHROMOSOME II.//5.90E-86//292aa//48%/Q09417
 C-NT2RM4001140//HOMEBOX PROTEIN MSH-D.//1.00E-11//103aa//38%/Q01704
 5 C-NT2RM4001155//ADRENAL MEDULLA 50 KD PROTEIN.//4.10E-197//445aa//78%/Q27969
 C-NT2RM4001178//PROBABLE ATP-DEPENDENT RNA HELICASE HAS1.//1.10E-48//218aa//43%/Q03532
 C-NT2RM4001200//ZINC FINGER PROTEIN 135.//9.50E-135//375aa//60%/P52742
 C-NT2RM4001203//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds.//0//2310bp//99%/AF004828
 10 C-NT2RM4001217//Mus musculus actin-binding protein (ENC-1) mRNA, complete cds.//3.10E-148//1445bp//72%/U65079
 C-NT2RM4001256//Xenopus laevis putative Zic3 binding protein mRNA, complete cds.//4.30E-55//289bp//77%/AF129131
 C-NT2RM4001313//PHOSPHATIDYLINOSITOL 3-KINASE VPS34-UKE (EC 2.7.1.137) (PI3-KINASE) (PTDINS-3-KINASE) (PI3K).//3.50E-35//124aa//65%/P54676
 15 C-NT2RM4001316//ACYL-COA DEHYDROGENASE, MEDIUM-CHAIN SPECIFIC PRECURSOR (EC 1.3.99.3) (MCAD).//2.30E-31//334aa//30%/P08503
 C-NT2RM4001320//Homo sapiens mRNA for Neuroblastoma, complete cds.//1.80E-39//728bp//64%/D89016
 C-NT2RM4001340//UTR4 PROTEIN (UNKNOWN TRANSCRIPT 4 PROTEIN).//1.00E-28//171aa//37%/P32626
 20 C-NT2RM4001344//HYPOTHETICAL GTP-BINDING PROTEIN IN POP2-HOL1 INTERGENIC REGION.//8.10E-30//265aa//33%/P53742
 C-NT2RM4001347//Homo sapiens NY-REN-25 antigen mRNA, partial cds.//0//2300bp//99%/AF155103
 C-NT2RM4001371//Homo sapiens IDN3 mRNA, partial cds.//0//2524bp//99%/AB019494
 C-NT2RM4001382//Homo sapiens RanBP7/importin 7 mRNA, complete cds.//2.20E-237//1079bp//99%/AF098799
 25 C-NT2RM4001411//Mus musculus Pro-rich, PH, SH2 domain-containing signaling mediator (PSM) mRNA, complete cds.//0//1962bp//87%/AF020526
 C-NT2RM4001412//Homo sapiens nGAP mRNA, complete cds.//0//1918bp//99%/AF047711
 C-NT2RM4001444//ISOLEUCYL-TRNA SYNTHETASE (EC 6.1.1.5) (ISOLEUCINE--TRNA LIGASE) (ILERS).//1.40E-118//444aa//46%/P73505
 30 C-NT2RM4001483//ZINC FINGER PROTEIN 136.//5.10E-106//357aa//55%/P52737
 C-NT2RM4001566//NECDIN.//9.80E-44//227aa//41%/P25233
 C-NT2RM4001582//Mus musculus COP9 complex subunit 7b (COPS7b) mRNA, complete cds.//1.50E-284//1082bp//90%/AF071317
 35 C-NT2RM4001592//HYPOTHETICAL 128.5 KD HELICASE IN ATS1-TPD3 INTERGENIC REGION.//7.60E-56//213aa//49%/P31380
 C-NT2RM4001597//M.musculus red-1 gene.//12.10E-171//1414bp//78%/X92750
 C-NT2RM4001611//SIS2 PROTEIN (HALOTOLERANCE PROTEIN HAL3).//2.60E-32//203aa//39%/Q12600
 C-NT2RM4001629//MAGUK P55 SUBFAMILY MEMBER 3 (MPP3 PROTEIN) (DISCS, LARGE HOMOLOG 3).//1.50E-93//278aa//38%/Q13368
 40 C-NT2RM4001666//HYPOTHETICAL 48.6 KD PROTEIN IN ALPA-GABP INTERGENIC REGION.//2.70E-84//410aa//42%/P37339
 C-NT2RM4001714//SEPTIN 2 HOMOLOG (FRAGMENT).//8.90E-141//354aa//72%/Q14141
 C-NT2RM4001731//Homo sapiens F-box protein Lilina (LILINA) mRNA, complete cds.//0//1922bp//100%/AF179221
 45 C-NT2RM4001758//PUTATIVE SERINE/THREONINE-PROTEIN KINASE EMK (EC 2.7.).//4.10E-186//639aa//58%/Q05512
 C-NT2RM4001783//ZINC FINGER PROTEIN HRX (ALL-1).//7.90E-66//311aa//35%/Q03164
 C-NT2RM4001810//AGGRECAN CORE PROTEIN PRECURSOR (CARTILAGE-SPECIFIC PROTEOGLYCAN CORE PROTEIN) (CSPCP) (CHONDROITIN SULFATE PROTEOGLYCAN CORE PROTEIN 1).//5.10E-07//263aa//30%/P16112
 50 C-NT2RM4001813//LECTIN BRA-2.//0.00000048//114aa//30%/P17346
 C-NT2RM4001819//Human p58/GTA (galactosyltransferase associated protein kinase) mRNA, complete cds.//8.10E-300//1395bp//98%/M37712
 55 C-NT2RM4001823//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6).//2.90E-55//325aa//37%/P28160
 C-NT2RM4001828//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//5.90E-161//481aa//56%/P51523
 C-NT2RM4001858//T-BOX CONTAINING PROTEIN TBX6L (FRAGMENT).//6.50E-22//126aa//46%/P79779

- C-NT2RM4001865//Homo sapiens mRNA for atopy related autoantigen CALC.//4.30E-244//1248bp//94%//Y17711
- C-NT2RM4001876//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP-1).//6.50E-23//184aa//36%//Q15404
- 5 C-NT2RM4001880//PUTATIVE DNA HELICASE II HOMOLOG (EC 3.6.1.-).//5.90E-09//268aa//26%//P47486
- C-NT2RM4001930//Homo sapiens dolichyl-P-Glc:Man9GlcNAc2-PP-dolichyl glucosyltransferase (ALG6) mRNA, complete cds.//0//1930bp//99%//AF102851
- C-NT2RM4001940//Homo sapiens timeless homolog mRNA, complete cds.//0//2087bp//99%//AF098162
- C-NT2RM4001969//R.norvegicus mRNA for IP63 protein.//2.60E-261//1563bp//84%//X99330
- 10 C-NT2RM4001979//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.80E-112//457aa//47%//P51523
- C-NT2RM4001987//NEURAL CELL ADHESION MOLECULE 1, LARGE ISOFORM PRECURSOR (N-CAM 180) [CONTAINS: N-CAM 140].//3.20E-17//281aa//30%//P16170
- C-NT2RM4002013//HYPOTHETICAL 89.4 KD TRP-ASP REPEATS CONTAINING PROTEIN IN PMT6-PCT1 INTERGENIC REGION.//6.90E-94//589aa//35%//P42935
- 15 C-NT2RM4002034//Homo sapiens hiwi mRNA, partial cds.//1.90E-53//1585bp//60%//AF104260
- C-NT2RM4002062//ASPARTYL-TRNA SYNTHETASE (EC 6.1.1.12) (ASPARTATE-TRNA LIGASE) (ASPRS).//1.90E-31//80aa//52%//P36419
- C-NT2RM4002063//Oryctolagus cuniculus sarcosine oxidase (SOX) mRNA, complete cds.//0//1865bp//99%//U82267
- 20 C-NT2RM4002066//Homo sapiens thyroid hormone receptor-associated protein complex component TRAP230 mRNA, complete cds.//1.50E-211//1123bp//71 %//AF117755
- C-NT2RM4002073//Mus musculus fatty acid transport protein 3 mRNA, partial cds.//9.30E-293//1751bp//83%//AF072758
- 25 C-NT2RM4002075//RING CANAL PROTEIN (KELCH PROTEIN).//2.80E-105//556aa//41 %//Q04652
- C-NT2RM4002093//Homo sapiens neural polypyrimidine tract binding protein (PTB) mRNA, complete cds.//0//2550bp//99%//AF176085
- C-NT2RM4002109//Homo sapiens mRNA for Chromokinesin (KIF 4 gene).//0//2572bp//99%//AJ271784
- C-NT2RM4002145//SLIT PROTEIN PRECURSOR.//1.40E-09//127aa//33%//P24014
- 30 C-NT2RM4002146//Homo sapiens MAGOH mRNA, complete cds.//6.90E-70//454bp//85%//AF035940
- C-NT2RM4002161//Homo sapiens laforin (EPM2A) mRNA, complete cds.//0//2671bp//99%//AF084535
- C-NT2RM4002174//MRPPROTEIN.//9.10E-68//264aa//51%//P21590
- C-NT2RM4002189//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//6.20E-33//688aa//27%//P08640
- 35 C-NT2RM4002194//Mus musculus semaphorin VIa mRNA, complete cds.//5.20E-297//1753bp//87%//AF030430
- C-NT2RM4002205//ELONGATION FACTOR G, MITOCHONDRIAL PRECURSOR (MEF-G).//3.00E-37//122aa//72%//Q07803
- C-NT2RM4002213//Homo sapiens protein phosphatase methylsterase-1 (PME-1) mRNA, complete cds.//0//2452bp//100%//AF157028
- 40 C-NT2RM4002226//GTPASE ACTIVATING PROTEIN ROTUND.//3.70E-19//147aa//41%//P40809
- C-NT2RM4002251//ALPHA-1,3-MANNOSYL-GLYCOPROTEIN BETA-1,2-N-ACETYLGLUCOSAMINYLTRANSFERASE (EC 2.4.1.101) (N-GLYCOSYLOLIGOSACCHARIDE-GLYCOPROTEIN N-ACETYLGLUCOSAMINYLTRANSFERASE I) (GNT- I) (GLCNAC-T I).//2.20E-36//320aa//38%//P27808
- C-NT2RM4002323//ANTIGEN GOR (FRAGMENT).//0.000000001//154aa//33%//P48778
- 45 C-NT2RM4002409//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE-COA LIGASE) (ACYL- ACTIVATING ENZYME).//1.30E-29//275aa//30%//P27095
- C-NT2RM4002438//Xenopus laevis putative Zic3 binding protein mRNA, complete cds.//1.10E-49//611 bp//70%//AF129131
- C-NT2RM4002460//ENV POLYPROTEIN (COAT POLYPROTEIN) [CONTAINS: COAT PROTEINS GP70, GP20].//0.0000016//226aa//24%//P51515
- 50 C-NT2RM4002527//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//8.90E-15//366aa//27%//Q00808
- C-NT2RM4002532//PROTEIN HOM1.//2.00E-16//276aa//28%//P55137
- C-NT2RM4002558//Homo sapiens fatty acid transport protein (FATP) mRNA, complete cds.//0//1797bp//99%//AF055899
- 55 C-NT2RM4002565//Mus musculus Sec8 mRNA, complete cds.//0//1915bp//87%//AF022962
- C-NT2RM4002571//H.sapiens mRNA for UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase (T2).//4.60E-78//921bp//69%//X85019
- C-NT2RM4002594//MSP1 PROTEIN HOMOLOG.//2.70E-68//236aa//58%//P54815

C-NT2RM4002623//ASPARTYL-TRNA SYNTHETASE (EC 6.1.1.12) (ASPARTATE--TRNA UGASE) (ASPRS)//
 2.30E-101//488aa//45%//O32038
 C-NT2RP1000018//Homo sapiens mRNA for NIK, partial cds.//0//1747bp//99%//AB013385
 C-NT2RP1000035//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//0//1652bp//99%//AJ012449
 5 C-NT2RP1000040//Mus musculus donson protein (Donson) mRNA, partial cds.//5.90E-150//1025bp//82%//
 AF193608
 C-NT2RP1000086//H.sapiens mRNA for zinc finger protein, Hsa12.//0//1162bp//99%//X98834
 C-NT2RP1000111//COP1 REGULATORY PROTEIN.//4.00E-116//296aa//51%//P93471
 C-NT2RP1000130//HEPATOMA-DERIVED GROWTH FACTOR (HDGF).//4.50E-50//181aa//60%//P51859
 10 C-NT2RP1000163//Homo sapiens cell cycle progression 2 protein (CPR2) mRNA, complete cds.//3.40E-270//
 951bp//98%//AF011792
 C-NT2RP1000202//ANKYRIN.//1.00E-25//302aa//34%//Q02357
 C-NT2RP1000272//Mus musculus mRNA for neural specific sr protein NSSR 2, complete cds.//1.40E-267//
 1155bp//87%//AB015895
 15 C-NT2RP1000326//Homo sapiens metaxin 2 (MTX2) mRNA, nuclear gene encoding mitochondrial protein, com-
 plete cds.//1.30E-275//1249bp//99%//AF053551
 C-NT2RP1000333//ANTI-SILENCING PROTEIN 1.//8.70E-47//155aa//58%//P32447
 C-NT2RP1000348//REDUCED VIABILITY UPON STARVATION PROTEIN 161.//1.70E-15//162aa//30%//P25343
 C-NT2RP1000363//R.norvegicus LL5 mRNA7//7.90E-262//1175bp//83%//X74226
 20 C-NT2RP1000376//Homo sapiens Ca²⁺-independent phospholipase A2 long isoform (iPLA2) mRNA, complete
 cds.//0//2252bp//96%//AF102989
 C-NT2RP1000413//MEMBRANE-ASSOCIATED PROTEIN HEM-2 (NAP1 PROTEIN).//1.90E-153//230aa//99%//
 P55161
 C-NT2RP1000439//Xenopus laevis chromosome condensation protein XCAP-G mRNA, complete cds.//1.80E-
 94//1019bp//63%//AF111423
 25 C-NT2RP1000443//QUINONE OXIDOREDUCTASE (EC 1.6.5.5) (NADPH:QUINONE REDUCTASE) (ZETA-
 CRYSTALLIN).//2.40E-10//227aa//25%//Q08257
 C-NT2RP1000460//NUCLEAR MOVEMENT PROTEIN NUDC.//3.80E-19//149aa//36%//P17624
 C-NT2RP1000470//PUTATIVE ATP-DEPENDENT RNA HELICASE T26G10.1 IN CHROMOSOME III.//2.60E-94//
 30 254aa//47%//P34580
 C-NT2RP1000478//TUBULIN BETA-5 CHAIN (CLASS-V).//4.50E-240//445aa//97%//P09653
 C-NT2RP1000481//Homo sapiens antigen NY-CO-3 (NY-CO-3) mRNA, partial cds.//7.5e-315//1445bp//99%//
 AF039688
 C-NT2RP1000493//POSSIBLE DNA-REPAIR PROTEIN XP-E (POSSIBLE XERODERMA PIGMENTOSUM
 35 GROUP E PROTEIN) (UV-DAMAGED DNA-BINDING PROTEIN) (UV-DDB).//3.60E-30//534aa//23%//P33194
 C-NT2RP1000513//Human NifU-like protein (hNifU) mRNA, partial cds.//6.50E-171//516bp//99%//U47101
 C-NT2RP1000522//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE DUB-1 (EC 3.1.2.15) (UBIQUITIN THI-
 OLESTERASE DUB-1) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE DUB-1) (DEUBIQUITINATING EN-
 ZYME 1).//8.20E-83//345aa//47%//Q61068
 40 C-NT2RP1000547//COP-COATED VESICLE MEMBRANE PROTEIN P24 PRECURSOR (FRAGMENT).//1.10E-
 27//193aa//35%//P49020
 C-NT2RP1000574//HOMEBOX PROTEIN MEIS2 (MEIS1-RELATED PROTEIN 1).//3.50E-75//151aa//94%//
 P97367
 C-NT2RP1000630//NECDIN.//2.40E-44//227aa//41%//P25233
 45 C-NT2RP1000677//SODIUM-INDEPENDENT ORGANIC ANION TRANSPORTER (ORGANIC ANION TRANS-
 PORTING POLYPEPTIDE).//1.20E-78//483aa//31%//P46721
 C-NT2RP1000701//Homo sapiens phospholipase A2 activating protein (PLA2P) mRNA, complete cds.//0//
 1687bp//99%//AF145020
 C-NT2RP1000733//Human mRNA for GSPT1-TK protein, complete cds.//0//2057bp//99%//E14379
 50 C-NT2RP1000738//Homo sapiens Wolf-Hirschhorn syndrome candidate 2 protein (WHSC2) mRNA, complete
 cds.//0//2186bp//99%//AF101434
 C-NT2RP1000746//Homo sapiens 60S acidic ribosomal protein PO mRNA, complete cds.//9.70E-196//901bp//
 99%//AF173378
 C-NT2RP1000782//PLATELET-ENDOTHELIAL TETRASPAN ANTIGEN 3 (PETA-3) (GP27) (MEMBRANE GLYC-
 55 OPROTEIN SFA-1) (CD151 ANTIGEN).//1.20E-30//232aa//30%//O35566
 C-NT2RP1000825//GTPASE-ACTIVATING PROTEIN RHOGAP (RHO-RELATED SMALL GTPASE PROTEIN
 ACTIVATOR) (CDC42 GTPASE-ACTIVATING PROTEIN) (P50-RHOGAP).//8.20E-83//334aa//50%//Q07960
 C-NT2RP1000833//Homo sapiens cGMP phosphodiesterase AI (PDE9A) mRNA, complete cds.//0//1494bp//99%//

AF067223
 C-NT2RP1000834//Homo sapiens alpha-methylacyl-CoA racemase mRNA, complete cds.//1.80E-176//829bp//98%//AF047020
 C-NT2RP1000856//PLATELET-ENDOTHELIAL TETRASPAN ANTIGEN 3 (PETA-3) (GP27) (MEMBRANE GLYCOPROTEIN SFA-1) (CD151 ANTIGEN).//1.20E-30//232aa//30%//O35566
 5 C-NT2RP1000860//Homo sapiens KL04P mRNA, complete cds.//0//1555bp//99%//AF064094
 C-NT2RP1000902//HYPOTHETICAL 127.4 KD PROTEIN F07F6.4 IN CHROMOSOME III.//5.20E-20//306aa//33%//Q09531
 C-NT2RP1000915//AUTOANTIGEN NGP-1.//1.70E-19//343aa//25%//Q13823
 10 C-NT2RP1000947//Human E2 ubiquitin conjugating enzyme Ubch5B (UBCH5B) mRNA, complete cds.//4.60E-105//504bp//99%//U39317
 C-NT2RP1000954//RING CANAL PROTEIN (KELCH PROTEIN).//1.40E-23//370aa//28%//Q04652
 C-NT2RP1000958//AUTOANTIGEN NGP-1.//1.40E-19//343aa//25%//Q13823
 C-NT2RP1000959//Human acidic ribosomal phosphoprotein P0 mRNA, complete cds.//2.50E-236//966bp//99%//M17885
 15 C-NT2RP1000966//NUCLEOLIN (PROTEIN C23).//8.90E-299//554aa//99%//P19338
 C-NT2RP1001011//Drosophila melanogaster putative 43 kDa protein (TH1) mRNA, complete cds.//2.20E-78//1529bp//61%//L01790
 C-NT2RP1001013//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//7.70E-253//425aa//98%//P51522
 20 C-NT2RP1001033//Homo sapiens delta-tubulin mRNA, complete cds.//2.10E-285//1290bp//100%//AF201333
 C-NT2RP1001073//Homo sapiens U6 snRNA-associated Sm-like protein LSm5 mRNA, complete cds.//8.10E-107//504bp//99%//AF182291
 C-NT2RP1001079//Oryctolagus cuniculus sarcosine oxidase (SOX) mRNA, complete cds.//0//2085bp//99%//U82267
 25 C-NT2RP1001080//PROBABLE ATP-DEPENDENT RNA HELICASE DBP9.//2.30E-116//319aa//46%//Q06218
 C-NT2RP1001113//Homo sapiens CTL2 gene.//0//2790bp//98%//AJ245621
 C-NT2RP1001177//Rattus norvegicus histone macroH2A1.2 mRNA, complete cds.//5.20E-108//1278bp//69%//U79139
 30 C-NT2RP1001185//Human isovaleryl-coA dehydrogenase (IVD) mRNA, complete cds.//1.90E-158//729bp//99%//M34192
 C-NT2RP1001247//Homo sapiens TGF-beta type secreted signaling protein LEFTYA mRNA, complete cds.//0//2006bp//100%//AF081513
 C-NT2RP1001253//Homo sapiens oscillin (hLn) mRNA, complete cds.//0//2020bp//99%//AF029914
 35 C-NT2RP1001294//MICROTUBULE-ASSOCIATED PROTEIN YTM1.//1.80E-38//258aa//32%//Q12024
 C-NT2RP1001302//MICROTUBULE-ASSOCIATED PROTEIN YTM1.//1.80E-38//258aa//32%//Q12024
 C-NT2RP1001310//Homo sapiens mitochondrial carrier homolog 1 isoform a mRNA, partial cds; nuclear gene for mitochondrial product.//0//1732bp//99%//AF176006
 C-NT2RP1001313//Homo sapiens delta-6 fatty acid desaturase mRNA, complete cds.//7.50E-121//1394bp//69%//AF126799
 40 C-NT2RP1001361//Homo sapiens NADH-ubiquinone oxidoreductase subunit B14.5B homolog mRNA, complete cds.//6.50E-116//541bp//100%//AF070652
 C-NT2RP1001385//HYPOTHETICAL 48.8 KD PROTEIN IN SSU81-SCS2 INTERGENIC REGION.//2.70E-22//284aa//25%//P40074
 45 C-NT2RP1001395//Homo sapiens COP9 complex subunit 7a mRNA, complete cds.//0//1782bp//99%//AF210052
 C-NT2RP1001410//PUTATIVE GTP-BINDING PROTEIN W08E3.3.//8.90E-141//396aa//67%//P91917
 C-NT2RP1001449//Mus musculus Gng31g mRNA, complete cds.//7.20E-165//800bp//87%//AF069954
 C-NT2RP1001457//Homo sapiens partial mRNA for beta-transducin family protein (putative).//1.20E-137//629bp//100%//AJ005257
 50 C-NT2RP1001482//Mouse oncogene (ect2) mRNA, complete cds.//2.10E-158//755bp//86%//L11316
 C-NT2RP1001494//MALE STERILITY PROTEIN 2.//7.20E-40//261aa//27%//Q08891
 C-NT2RP1001543//MYO-INOSITOL-1-PHOSPHATE SYNTHASE (EC 5.5.1.4) (IPS).//1.60E-166//506aa//60%//P42803
 C-NT2RP1001546//PLATELET-ENDOTHELIAL TETRASPAN ANTIGEN 3 (PETA-3) (GP27) (MEMBRANE GLYCOPROTEIN SFA-1) (CD151 ANTIGEN).//1.60E-30//232aa//30%//O35566
 55 C-NT2RP1001569//SIGNAL RECOGNITION PARTICLE RECEPTOR BETA SUBUNIT (SR-BETA).//5.80E-121//271aa//89%//P47758
 C-NT2RP1001665//CALMODULIN.//0.00000051//83aa//30%//P02594

C-NT2RP2000006//DNAJ PROTEIN (40 KD HEAT SHOCK CHAPERONE PROTEIN) (HSP40).//9.80E-17//79aa//55%//O34136
 C-NT2RP2000008//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//2.40E-177//726aa//47%//P51523
 5 C-NT2RP2000032//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP-1).//1.80E-22//184aa//34%//Q01730
 C-NT2RP2000045//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1) mRNA, complete cds.//0//1390bp//98%//AF061749
 C-NT2RP2000054//Homo sapiens putative ring zinc finger protein NY-REN-43 antigen mRNA, complete cds.//0//2245bp//99%//AF155109
 10 C-NT2RP2000056//PROTEIN-TYROSINE PHOSPHATASE EPSILON PRECURSOR (EC 3.1.3.48) (R-PTP-EP-SILON).//9.40E-16//45aa//100%//P49446
 C-NT2RP2000067//Mus musculus ODZ3 (Odz3) mRNA, partial cds.//0//3546bp//99%//AF195418
 C-NT2RP2000070//CADHERIN-RELATED TUMOR SUPPRESSOR PRECURSOR (FAT PROTEIN).//3.40E-51//383aa//32%//P33450
 15 C-NT2RP2000076//Homo sapiens partial mRNA for polyhomeotic 2 protein (PH2 gene).//7.90E-20//265bp//73%//AJ242730
 C-NT2RP2000114//Homo sapiens mRNA for GM3 synthase, complete cds.//0//2244bp//99%//AB018356
 C-NT2RP2000126//POSSIBLE GLOBAL TRANSCRIPTION ACTIVATOR SNF2L.//2.50E-117//541aa//42%//P41877
 20 C-NT2RP2000133//Homo sapiens Leman coiled-coil protein (LCCP) mRNA, complete cds.//0//1490bp//99%//AF175966
 C-NT2RP2000147//CLATHRIN COAT ASSEMBLY PROTEIN AP47 (CLATHRIN COAT ASSOCIATED PROTEIN AP47) (GOLGI ADAPTOR AP-1 47 KD PROTEIN) (HA1 47 KD SUBUNIT) (CLATHRIN ASSEMBLY PROTEIN ASSEMBLY PROTEIN COMPLEX 1 MEDIUM CHAIN).//4.40E-226//423aa//99%//P35585
 25 C-NT2RP2000153//GAR2 PROTEIN.//9.80E-23//311aa//28%//P41891
 C-NT2RP2000157//MLO2 PROTEIN.//2.60E-11//62aa//40%//Q09329
 C-NT2RP2000161//DIS3 PROTEIN HOMOLOG.//4.10E-35//184aa//44%//Q17632
 C-NT2RP2000183//DIHYDROPYRIMIDINASE RELATED PROTEIN-2 (DRP-2) (NEURAL SPECIFIC PROTEIN NSP60).//3.30E-16//114aa//44%//O02675
 30 C-NT2RP2000195//Homo sapiens androgen induced protein (AIG-1) mRNA, complete cds.//7.80E-152//704bp//99%//AF153605
 C-NT2RP2000224//INSULIN RECEPTOR SUBSTRATE-1 (IRS-1).//0.000043//103aa//28%//P35568
 C-NT2RP2000248//UDP-N-ACETYLGLUCOSAMINE-PEPTIDE N-ACETYLGLUCOSAMINYLTRANSFERASE 110 KD SUBUNIT (EC 2.4.1.-) (O-GLCNAC TRANSFERASE P110 SUBUNIT).//3.40E-21//210aa//33%//P56558
 35 C-NT2RP2000257//PUTATIVE MITOCHONDRIAL CARRIER YIL006W.//9.70E-41//278aa//36%//P40556
 C-NT2RP2000258//ACTIVATOR 1 140 KD SUBUNIT (REPLICATION FACTOR C LARGE SUBUNIT) (AI 140 KD SUBUNIT) (RF-C 140 KD SUBUNIT) (ACTIVATOR 1 LARGE SUBUNIT) (DNA-BINDING PROTEIN PO-GA).//7.10E-12//213aa//23%//P35251
 40 C-NT2RP2000270//Human putative G-protein coupled receptor (SH120) mRNA, complete cds.//1.30E-242//1043bp//99%//U78723
 C-NT2RP2000288//HYPOTHETICAL 111.9 KD PROTEIN C22H10.03C IN CHROMOSOME I.//1.60E-27//576aa//25%//Q10297
 C-NT2RP2000297//ZINC FINGER PROTEIN 184 (FRAGMENT).//3.30E-186//256aa//60%//Q99676
 45 C-NT2RP2000310//Human proline dehydrogenase/proline oxidase (PRODH) mRNA, complete cds.//4.30E-279//1193bp//99%//U82381
 C-NT2RP2000329//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL (EC 2.7.4.10) (AK3).//2.00E-111//226aa//92%//P08760
 C-NT2RP2000346//Homo sapiens apoptosis associated protein (GADD34) mRNA, complete cds.//0//2331bp//99%//U83981
 50 C-NT2RP2000414//Homo sapiens HnRNP F protein mRNA, complete cds.//0//1886bp//99%//L28010
 C-NT2RP2000420//ZINC FINGER PROTEIN 165.//8.50E-33//155aa//52%//P49910
 C-NT2RP2000422//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds.//0//1757bp//99%//AF102265
 55 C-NT2RP2000448//KES1 PROTEIN.//8.70E-54//392aa//38%//P35844
 C-NT2RP2000523//APOLIPOPROTEIN B MRNA EDITING PROTEIN (HEPR) (APOBEC-1).//6.00E-16//124aa//34%//P41238
 C-NT2RP2000660//SAP1 PROTEIN.//5.20E-68//474aa//32%//P39955

- C-NT2RP2000668//SERINE/THREONINE PROTEIN KINASE PKPA (EC 2.7.1.-)//1.30E-27//349aa//32%//Q01577
- C-NT2RP2000710//ASPARTYL-TRNA SYNTHETASE (EC 6.1.1.12) (ASPARTATE-TRNA LIGASE)//2.70E-100//488aa//44%//O32038
- 5 C-NT2RP2000764//NIFS PROTEIN//6.60E-36//252aa//42%//P12623
- C-NT2RP2000809//Homo sapiens BAG-family molecular chaperone regulator-5 mRNA, complete cds.//0//3347bp//99%//AF095195
- C-NT2RP2000812//DILUTE MYOSIN HEAVY CHAIN, NON-MUSCLE (MYOSIN 5A)//5-.60E-08//179aa//29%//Q99104
- 10 C-NT2RP2000814//GELATION FACTOR (ACTIN BINDING PROTEIN 120) (ABP-120)//1.10E-07//96aa//29%//P13466
- C-NT2RP2000816//MAGNESIUM-CHELATASE 30 KD SUBUNIT//7.90E-08//172aa//28%//P26174
- C-NT2RP2000842//Human lysophosphatidic acid receptor homolog mRNA, complete cds.//0//1562bp//99%//U80811
- 15 C-NT2RP2000880//PROBABLE TRANSLATION INITIATION FACTOR IF-2//0//694aa//99%//O60841
- C-NT2RP2000892//Rattus norvegicus db83 mRNA, complete cds.//2.90E-191//1094bp//85%//AB006135
- C-NT2RP2000931//MATRIN 3//2.40E-289//467aa//95%//P43244
- C-NT2RP2000943//Homo sapiens sec24D protein mRNA, complete cds.//0//2767bp//99%//AF130464
- C-NT2RP2000965//Homo sapiens mRNA for fls353, complete cds.//0//1989bp//96%//AB024704
- 20 C-NT2RP2001070//PUTATIVE PYRIDOXAMINE 5'-PHOSPHATE OXIDASE (EC 1.4.3.5) (PNP/PMP OXIDASE)//5.80E-46//222aa//45%//Q20939
- C-NT2RP2001081//SYNAPTOTAGMIN IV//4.20E-118//430aa//54%//P50232
- C-NT2RP2001127//Homo sapiens mRNA for PLU-1 protein.//0//2514bp//99%//AJ132440
- C-NT2RP2001168//VERPROLIN//1.50E-09//143aa//33%//P37370
- 25 C-NT2RP2001174//GASTRULA ZINC FINGER PROTEIN XLCGF46.1 (FRAGMENT)//6.00E-10//88aa//38%//P18722
- C-NT2RP2001233//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)//2.00E-128//409aa//45%//Q05481
- C-NT2RP2001245//MYOSIN HEAVY CHAIN, NONMUSCLE (CELLULAR MYOSIN HEAVY CHAIN) (NMMHC)//2.20E-10//366aa//28%//P14105
- 30 C-NT2RP2001290//BETA-SOLUBLE NSF ATTACHMENT PROTEIN (SNAP-BETA) (SNAP-ALPHA HOMOLOG) (BRAIN PROTEIN 147) (FRAGMENT)//4.40E-91//179aa//99%//P28663
- C-NT2RP2001295//ZINC/CADMIUM RESISTANCE PROTEIN//8.30E-39//161aa//34%//P20107
- C-NT2RP2001327//TUMOR NECROSIS FACTOR, ALPHA-INDUCED PROTEIN 1, ENDOTHELIAL (B12 PROTEIN)//5.50E-116//311aa//71%//Q13829
- 35 C-NT2RP2001378//MUCIN 2 PRECURSOR (INTESTINAL MUCIN 2)//2.00E-11//403aa//25%//Q02817
- C-NT2RP2001392//MITOCHONDRIAL LON PROTEASE HOMOLOG 1 PRECURSOR (EC 3.4.21.-)//8.40E-192//581aa//54%//P93647
- C-NT2RP2001394//Homo sapiens mRNA for SCML2 protein.//0//2068bp//99%//Y18004
- 40 C-NT2RP2001397//Homo sapiens mRNA for cyclin B2, complete cds.//1.9e-316//1428bp//100%//AB020981
- C-NT2RP2001420//Mus musculus nuclear protein NIP45 mRNA, complete cds.//9.00E-112//742bp//82%//U76759
- C-NT2RP2001440//Homo sapiens mRNA for 14-3-3gamma, complete cds.//0//3712bp//99%//AB024334
- C-NT2RP2001460//TRICHOHYAUN//1.00E-14//521aa//24%//P37709
- C-NT2RP2001511//Homo sapiens putative RNA-binding protein Q99 mRNA, complete cds.//3.20E-297//2206bp//75%//AF093097
- 45 C-NT2RP2001520//Homo sapiens mRNA for mitochondrial carrier protein ARALAR1//0//2502bp//99%//Y14494
- C-NT2RP2001536//Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3) mRNA, complete cds.//0//2326bp//99%//AF035586
- C-NT2RP2001560//VAV2 PROTEIN//0.00000015//219aa//27%//Q60992
- 50 C-NT2RP2001576//HYPOTHETICAL 62.2 KD PROTEIN C4G8.12C IN CHROMOSOME I//8.20E-29//294aa//31%//Q09837
- C-NT2RP2001597//RYANODINE RECEPTOR, CARDIAC MUSCLE//0.000000036//127aa//36%//P30957
- C-NT2RP2001601//Homo sapiens SUMO-1-specific protease (SSP1) mRNA, complete cds.//0//1748bp//99%//AF196304
- 55 C-NT2RP2001613//MITOCHONDRIAL IMPORT RECEPTOR SUBUNIT TOM40 (MOM38 PROTEIN) (TRANSLOCASE OF OUTER MEMBRANE 40 KD SUBUNIT)//6.10E-12//184aa//31%//P24391
- C-NT2RP2001634//Homo sapiens alpha-catenin-like protein mRNA, complete cds.//0//2445bp//99%//U97067
- C-NT2RP2001660//Homo sapiens putative 13 S Golgi transport complex 90kD subunit brain-specific isoform mRNA

NA, complete cds.//0//1287bp//99%//AF058718
 C-NT2RP2001663//ENOLASE (EC 4.2.1.11) (2-PHOSPHOGLYCERATE DEHYDRATASE), (2-PHOSPHO-D-GLYCERATE HYDRO-LYASE) (FRAGMENT).//1.10E-47//126aa//53%//P42897
 C-NT2RP2001740//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE DUB-1 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE DUB-1) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE DUB-1) (DEUBIQUITINATING ENZYME 1).//7.90E-52//220aa//44%//Q61068
 5 C-NT2RP2001748//FARNESYL PYROPHOSPHATE SYNTHETASE (FPP SYNTHETASE) (FPS) (FARNESYL DIPHOSPHATE SYNTHETASE) (DIMETHYLALLYLTRANSFERASE (EC 2.5.1.1) / GERANYLTRANSTRANSFERASE (EC 2.5.1.10)) (KIAA0032).//5.40E-47//96aa//797%//P14324
 10 C-NT2RP2001756//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.70E-49//411aa//32%//P51523
 C-NT2RP2001839//SCY1 PROTEIN.//5.40E-32//621aa//24%//P53009
 C-NT2RP2001869//ZINC FINGER PROTEIN 191.//7.10E-26//126aa//52%//O14754
 C-NT2RP2001876//ALLOGRAFT INFLAMMATORY FACTOR-1 (AIF-1) (IONIZED CALCIUM BINDING ADAPTER MOLECULE 1).//1.20E-45//141aa//65%//P55008
 15 C-NT2RP2001883//Homo sapiens CGI-01- protein mRNA, complete cds.//0//2306bp//99%//AF132936
 C-NT2RP2001898//Human inositol polyphosphate 5-phosphatase (5ptase) mRNA, 3' end.//0//2518bp//98%//M74161
 C-NT2RP2001900//ACTIN-LIKE PROTEIN ARP5.//2.30E-38//395aa//30%//P53946
 20 C-NT2RP2001976//Mus musculus calmodulin-binding protein SHA1 (Sha1) mRNA, complete cds.//4.70E-177//1538bp//74%//AF062378
 C-NT2RP2001985//Homo sapiens high-risk human papilloma viruses E6 oncoproteins targeted protein E6TP1 alpha mRNA, complete cds.//2.00E-38//435bp//67%//AF090989
 C-NT2RP2001991//SODIUM- AND CHLORIDE-DEPENDENT TRANSPORTER NTT73.//6.50E-129//279aa//85%//Q08469
 25 C-NT2RP2002025//NG-CAM RELATED CELL ADHESION MOLECULE PRECURSOR (NR-CAM) (BRAVO).//1.70E-47//247aa//52%//P35331
 C-NT2RP2002046//Homo sapiens mRNA for transcription factor.//0//1664bp//99%//AJ130894
 C-NT2RP2002058//Homo sapiens WD repeat protein WDR3 (WDR3) mRNA, complete cds.//0//2510bp//99%//AF083217
 30 C-NT2RP2002066//Rattus norvegicus transmembrane receptor Unc5H2 mRNA, complete cds.//1.60E-226//1301bp//88%//U87306
 C-NT2RP2002078//PECANEX PROTEIN.//1.80E-09//195aa//32%//P18490
 C-NT2RP2002079//HISTONE HI, GONADAL.//4.40E-11//214aa//34%//P02256
 35 C-NT2RP2002099//Homo sapiens mRNA for E1B-55kDa-associated protein.//0//33 89bp//99%//AJ007509
 C-NT2RP2002105//H.sapiens MSH-R gene for melanocyte stimulating hormone receptor.//0//1644bp//98%//X65634
 C-NT2RP2002124//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 4 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 4) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 4) (DEUBIQUITINATING ENZYME 4) (UBIQUITOUS NUCLEAR PROTEIN HOMOLOG).//4.30E-44//155aa//37%//Q13107
 40 C-NT2RP2002185//Homo sapiens ubiquilin mRNA, complete cds.//0//1789bp//99%//AF176069
 C-NT2RP2002193//Homo sapiens PIAS3 mRNA for protein inhibitor of activated STAT3, complete cds.//0//2809bp//99%//AB021868
 C-NT2RP2002252//Mus musculus (clone pVZmSin3A9) mSin3A9 mRNA, complete cds.//0//3118bp//91%//L38621
 45 C-NT2RP2002256//Homo sapiens retinoic acid hydroxylase mRNA, complete cds.//0//1528bp//98%//AF005418
 C-NT2RP2002270//AF-9 PROTEIN.//1.20E-07//74aa//36%//P42568
 C-NT2RP2002312//Homo sapiens mRNA for CDS2 protein.//0//2333bp//99%//Y16521
 C-NT2RP2002325//Homo sapiens mRNA for Pex11p, complete cds.//8.40E-254//1158bp//99%//AB015594
 C-NT2RP2002385//Homo sapiens synaptic glycoprotein SC2 spliced variant mRNA, complete cds.//4.30E-240//1105bp//99%//AF038958
 50 C-NT2RP2002408//Homo sapiens mRNA for TOLLIP protein.//3.20E-210//1136bp//93%//AJ242972
 C-NT2RP2002442//HESA PROTEIN.//2.80E-14//163aa//30%//P46037
 C-NT2RP2002464//DNA CROSS-LINK REPAIR PROTEIN PSO2/SNM1.//6.50E-07//171aa//27%//P30620
 C-NT2RP2002479//Homo sapiens mRNA for ABC transporter 7 protein, complete cds.//0//2180bp//99%//AB005289
 55 C-NT2RP2002503//ZINC FINGER PROTEIN 45 (BRC1744).//4.60E-144//537aa//49%//Q02386
 C-NT2RP2002520//Homo sapiens transcription factor RFX-B (RFXB) mRNA, complete cds.//3.70E-34//668bp//61%//AF105427

- C-NT2RP2002537//HYPOTHETICAL 55.1 KD PROTEIN B0416.5 IN CHROMOSOME X.//6.20E-19//288aa//26%//Q11073
- C-NT2RP2002591//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.20E-155//562aa//50%//P51523
- 5 C-NT2RP2002595//PROBABLE CALCIUM-BINDING PROTEIN ALG-2 (PMP41) (ALG-257).//7.50E-35//181aa//42%//P12815
- C-NT2RP2002606//Rattus norvegicus Rabin3 mRNA, complete cds.//9.20E-147//874bp//87%//U19181
- C-NT2RP2002609//2-HYDROXYMUCONIC SEMIALDEHYDE HYDROLASE (EC 3.1.1.-) (HMSH).//2.80E-08//109aa//37%//P19076
- 10 C-NT2RP2002618//PROTEIN ARGININE N-METHYLTRANSFERASE 2 (EC 2.1.1.).//1.70E-51//326aa//38%//P55345
- C-NT2RP2002701//HYPOTHETICAL 38.1 KD PROTEIN C2F12.15C IN CHROMOSOME II.//1.90E-14//210aa//30%//O14345
- C-NT2RP2002710//SH3-BINDING PROTEIN 3BP-1.//4.90E-85//489aa//43%//P55194
- 15 C-NT2RP2002727//Rattus norvegicus tulip 2 mRNA, complete cds.//3.50E-74//727bp//72%//AF041107
- C-NT2RP2002741//Homo sapiens mRNA for Neuroblastoma, complete cds.//9.90E-54//964bp//64%//D89016
- C-NT2RP2002862//60S ACIDIC RIBOSOMAL PROTEIN P0 (LIGHT-INDUCED 34 KD PROTEIN).//8.80E-10//203aa//27%//P29764
- C-NT2RP2002880//GLUCOSE REPRESSION MEDIATOR PROTEIN.//0.000039//206aa//23%//P14922
- 20 C-NT2RP2002928//Homo sapiens pre-mRNA splicing factor (PRP17) mRNA, complete cds.//1.90E-136//623bp//100%//AF038392
- C-NT2RP2002929//HYPOTHETICAL 46.2 KD TRP-ASP REPEATS CONTAINING PROTEIN D2013.2 IN CHROMOSOME II.//4.10E-87//395aa//40%//Q18964
- C-NT2RP2002939//ZINC FINGER PROTEIN 136.//5.40E-70//282aa//42%//P52737
- 25 C-NT2RP2002959//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 2 (EC 6.3.2.19) (UBIQUITIN- PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (E2(17)KB 2).//4.60E-80//147aa//100%//P51669
- C-NT2RP2002980//30S RIBOSOMAL PROTEIN S10.//1.00E-08//98aa//36%//P10129
- C-NT2RP2002986//Homo sapiens mRNA for Kelch motif containing protein, complete cds.//0//2209bp//99%//AB026190
- 30 C-NT2RP2002993//DNA-DIRECTED RNA POLYMERASE 1135 KD POLYPEPTIDE (EC 2.7.7.6) (RNA POLYMERASE I SUBUNIT 2) (RPA135).//0//716aa//91%//P70700
- C-NT2RP2003000//TUMOR NECROSIS FACTOR, ALPHA-INDUCED PROTEIN 1, ENDOTHELIAL (B12 PROTEIN).//L90E-11//132aa//38%//Q13829
- C-NT2RP2003121//Mus musculus enhancer of polycbmb (Epc1) mRNA, complete cds.//2.30E-82//642bp//68%//AF079765
- 35 C-NT2RP2003125//RING CANAL PROTEIN (KELCH PROTEIN).//2.40E-38//539aa//25%//Q04652
- C-NT2RP2003137//UBIQUITIN.//0.000026//70aa//30%//P13117
- C-NT2RP2003157//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR SRP75).//1.30E-13//185aa//38%//Q08170
- 40 C-NT2RP2003158//Homo sapiens mRNA for proteasome subunit p58, complete cds.//0//2091bp//99%//D67025
- C-NT2RP2003164//Homo sapiens mRNA for protein kinase.//0//2313bp//99%//AJ132545
- C-NT2RP2003177//Homo sapiens recombination and sister chromatid cohesion protein homolog (hrec8) mRNA, partial cds.//0//1641bp//99%//AF006264
- C-NT2RP2003228//H.sapiens PI-Cdc21 mRNA.//0//2870bp//98%//X74794
- 45 C-NT2RP2003230//Rattus norvegicus endo-alpha-D-mannosidase (Enman) mRNA, complete cds.//2.60E-186//1551bp//77%//AF023657
- C-NT2RP2003243//Homo sapiens partial mRNA for putative p621 protein which interacts with transcription factor Sp1.//0//1544bp//99%//AJ242978
- C-NT2RP2003265//Homo sapiens CGI-53 protein mRNA, complete cds.//0//1580bp//99%//AF151811
- 50 C-NT2RP2003272//Homo sapiens ubiquilin mRNA, complete cds.//0//1789bp//99%//AF176069
- C-NT2RP2003277//NAM7 PROTEIN (NONSENSE-MEDIATED MRNA DECAY PROTEIN 1) (UP-FRAMESHIFT SUPPRESSOR 1).//1.90E-16//145aa//43%//P30771
- C-NT2RP2003286//PROBABLE RNA 3'-TERMINAL PHOSPHATE CYCLASE (EC 6.5.1.4) (RNA-3'- PHOSPHATE CYCLASE) (RNA CYCLASE).//4.20E-88//374aa//47%//Q23400
- 55 C-NT2RP2003295//Homo sapiens RMP mRNA for RPB5 meidating protein, complete cds.//0//1526bp//99%//AB006572
- C-NT2RP2003307//KINESIN LIGHT CHAIN (KLC).//2.20E-199//550aa//70%//Q07866
- C-NT2RP2003308//CROOKED NECK PROTEIN.//5.40E-244//622aa//67%//P17886

- C-NT2RP2003329//PUTATIVE ADENYLATE CYCLASE REGULATORY PROTEIN.//3.60E-14//332aa//32%//P26337
- C-NT2RP2003347//BREAST CANCER TYPE 1 SUSCEPTIBILITY PROTEIN HOMOLOG.//0.000022//261aa//24%//P48754
- 5 C-NT2RP2003391//Homo sapiens mRNA for nuclear transport receptor.//0//1509bp//99%//AJ133769
- C-NT2RP2003394//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//5.50E-13//302aa//26%//P25386
- C-NT2RP2003401//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE DUB-1 (EC 3.1.2.15) (UBIQUITIN THI-OLESTERASE DUB-1) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE DUB-1) (DEUBIQUITINATING EN-10ZYME 1).//9.60E-78//346aa//43%//Q61068
- C-NT2RP2003433//PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT.//5.00E-131//269aa//91%//P38378
- C-NT2RP2003466//Homo sapiens delta-6 fatty acid desaturase mRNA, complete cds.//0//2194bp//99%//AF126799
- 15 C-NT2RP2003480//Homo sapiens zinc finger DNA binding protein 99 (ZNF281) mRNA, complete cds.//0//3012bp//99%//AF125158
- C-NT2RP2003506//NADPH-CYTQCHROME P450 REDUCTASE (EC 1.6.2.4) (CPR).//5.40E-14//106aa//46%//P04175
- C-NT2RP2003513//Homo sapiens mRNA for paralemm.//0//2137bp//97%//Y14770
- 20 C-NT2RP2003517//Human c-sis/platelet-derived growth factor 2 (SIS/PDGF2) mRNA, complete cds.//0//1746bp//95%//M12783
- C-NT2RP2003522//Homo sapiens zinc finger DNA binding protein 99 (ZNF281) mRNA, complete cds.//0//1764bp//99%//AF125158
- C-NT2RP2003543//HYPOTHETICAL TRNA/RRNA METHYLTRANSFERASE SLR1673 (EC 2.1.1.-).//1.70E-17//148aa//34%//P74261
- 25 C-NT2RP2003564//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A))(RO(SS-A)).//2.10E-59//270aa//46%//P19474
- C-NT2RP2003596//Mus musculus Fas-apoptosis inhibitory molecule (Faim) mRNA, complete cds.//4.80E-82//530bp//85%//AF130367
- 30 C-NT2RP2003604//Homo sapiens alpha-catenin-like protein (CTNNAL1) mRNA, complete cds.//0//2442bp//99%//AF030233
- C-NT2RP2003643//Mus musculus mRNA for CMP-N-acetylneuraminic acid synthetase.//9.40E-243//1624bp//82%//AJ006215
- C-NT2RP2003702//Homo sapiens 17 beta-hydroxysteroid dehydrogenase type VII (HSD17B7) mRNA, complete cds.//2.1e-313//978bp//99%//AF098786
- 35 C-NT2RP2003704//Homo sapiens mRNA for ATP-dependent metalloprotease YME1L.//1.80E-72//350bp//100%//AJ132637
- C-NT2RP2003713//Homo sapiens ubiquitin-specific protease 3 (USP3) mRNA, complete cds.//0//2018bp//99%//AF073344
- 40 C-NT2RP2003714//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//5.40E-29//85aa//72%//Q05481
- C-NT2RP2003737//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 2 (EC 6.3.2.19) (UBIQUITIN-PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (E2(17)KB 2).//1.70E-75//147aa//93%//P51669
- C-NT2RP2003760//COATOMER GAMMA SUBUNIT (GAMMA-COAT PROTEIN) (GAMMA-COP).//0//869aa//80%//P53620
- 45 C-NT2RP2003781//HYPOTHETICAL 36.7 KD PROTEIN AH6.2 IN CHROMOSOME II.//5.50E-63//253aa//50%//Q09201
- C-NT2RP2003840//HYPOTHETICAL 48.1 KD PROTEIN B0403.2 IN CHROMOSOME X.//3.70E-21//137aa//43%//Q11076
- 50 C-NT2RP2003857//MYOTROPHIN (V-1 PROTEIN) (GRANULE CELL DIFFERENTIATION PROTEIN).//0.00000016//117aa//29%//Q91955
- C-NT2RP2003871//Homo sapiens transposon-derived Buster1 transposase-like protein gene, complete cds.//0//2807bp//99%//AF205601
- C-NT2RP2003912//SERINE/THREONINE-PROTEIN KINASE NEK1 (EC 2.7.1.-) (NIMA-RELATED PROTEIN KINASE 1).//6.10E-183//387aa//87%//P51954
- 55 C-NT2RP2003952//AMINOPEPTIDASE B (EC 3.4.11.6) (ARGINYL AMINOPEPTIDASE) (ARGININE AMINOPEPTIDASE) (CYTOSOL AMINOPEPTIDASE IV) (AP-B).//1.50E-23//200aa//30%//O09175
- C-NT2RP2003981//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS8.//1.40E-16//664aa//20%//

P39702
 C-NT2RP2004013//TRANSCRIPTION FACTOR BTF3 (RNA POLYMERASE B TRANSCRIPTION FACTOR 3).//
 2.30E-53//141aa//78%//P20290
 C-NT2RP2004041//SYNAPSINS IA AND B.//0.00000074//159aa//32%//P17599
 5 C-NT2RP2004066//Mus musculus Msx2 interacting nuclear target protein mRNA, complete cds.//2.70E-288//
 1994bp//81%//AF156529
 C-NT2RP2004098//ADENYLATE CYCLASE (EC 4.6.1.1) (ATP PYROPHOSPHATE-LYASE) (ADENYLYL CYCLA-
 SE).//5.40E-30//319aa//31%//Q01513
 C-NT2RP2004170//Homo sapiens mRNA for transducin (beta) like 1 protein.//1.10E-138//1236bp//74%//Y12781
 10 C-NT2RP2004187//ZINC FINGER PROTEIN 38 (ZFP-38) (CTFIN51) (TRANSCRIPTION FACTOR RU49).//
 5.60E-31//424aa//28%//Q07231
 C-NT2RP2004194//Rattus norvegicus Golgi SNARE GS15 mRNA, complete cds.//3.80E-52//397bp//82%//
 AF003998
 C-NT2RP2004232//Homo sapiens EPK2 mRNA for serine/threonine kinase, complete cds.//0//2272bp//99%//
 15 AB015982
 C-NT2RP2004239//Homo sapiens lok mRNA for protein kinase, complete cds.//0//3044bp//99%//AB015718
 C-NT2RP2004242//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT PROTEIN) (NF-H).//
 9.90E-12//427aa//26%//P19246
 C-NT2RP2004245//Mus musculus pantothenate kinase 1 beta (panK1beta) mRNA, complete cds.//6.40E-117//
 20 1122bp//72%//AF200357
 C-NT2RP2004270//PROTEIN PTM1 PRECURSOR.//1.40E-16//334aa//24%//P32857
 C-NT2RP2004366//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS 13.//1.30E-51//505aa//
 29%//Q07878
 C-NT2RP2004389//PROBABLE MITOCHONDRIAL 40S RIBOSOMAL PROTEIN S9 PRECURSOR.//9.30E-15//
 25 126aa//39%//P38120
 C-NT2RP2004392//MNNA4 PROTEIN7//1.40E-11//143aa//27%//P36044
 C-NT2RP2004396//Homo sapiens mRNA for activator of S phase Kinase, complete cds.//5.40E-243//1108bp//
 99%//AB028069
 C-NT2RP2004425//Mus musculus axotrophin mRNA, complete cds.//0//2321bp//86%//AF155739
 30 C-NT2RP2004476//Homo sapiens cyclin L ania-6a mRNA, complete cds.//0//2075bp//99%//AF180920
 C-NT2RP2004538//Mus musculus kinesin-like protein KIF1B (Kif1b) mRNA, complete cds.//0//1387bp//86%//
 AF090190
 C-NT2RP2004568//PUTATIVE ATP-DEPENDENT RNA HELICASE C30D11.03.//3.00E-117//625aa//40%//
 Q09903
 35 C-NT2RP2004587//NEUROFILAMENT TRIPLET M PROTEIN (160 KD NEUROFILAMENT PROTEIN) (NF-M).//
 7.30E-07//352aa//23%//P07197
 C-NT2RP2004655//Homo sapiens mRNA for leucine rich protein.//8.50E-233//1061bp//99%//AJ006291
 C-NT2RP2004681//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT PROTEIN) (NF-H).//
 2.60E-07//426aa//23%//P19246
 40 C-NT2RP2004689//HYPOTHETICAL 192.5 KD PROTEIN C6G9.10C IN CHROMOSOME I.//5.60E-64//616aa//
 33%//Q92355
 C-NT2RP2004710//Mus musculus formin binding protein 30 mRNA, complete cds.//1.50E-280//1464bp//85%//
 U40750
 C-NT2RP2004732//NEUROFILAMENT TRIPLET M PROTEIN (160 KD NEUROFILAMENT PROTEIN) (NF-M).//
 45 7.30E-07//352aa//23%//P07197
 C-NT2RP2004768//SERINE/THREONINE-PROTEIN KINASE NRK1 (EC 2.7.1.-) (N-RICH KINASE 1).//1.30E-
 26//190aa//41%//P38692
 C-NT2RP2004791//PUTATIVE LEUCYL-TRNA SYNTHETASE, CYTOPLASMIC (EC 6.1.1.4) (LEUCINE- TRNA
 LIGASE) (LEURS).//9.50E-73//153aa//59%//Q10490
 50 C-NT2RP2004799//PROBABLE SUCCINYL-COA LIGASE [GDP-FORMING], BETA-CHAIN PRECURSOR (EC
 6.2.1.4) (SUCCINYL-COA SYNTHETASE, BETA CHAIN) (SCS-BETA).//3.70E-135//414aa//62%//P53588
 C-NT2RP2004816//H58 PROTEIN.//9.00E-173//327aa//98%//P40336
 C-NT2RP2004920//TRANSCRIPTIONAL REGULATOR ATRX (X-LINKED NUCLEAR PROTEIN) (HETERO-
 CHROMATIN PROTEIN 2) (HP1 ALPHA-INTERACTING PROTEIN) (HP1-BP38 PROTEIN).//4.20E-09//804aa//
 55 22%//Q61687
 C-NT2RP2004933//Homo sapiens mRNA for ZIP-kinase, complete cds.//0//2103bp//99%//AB007144
 C-NT2RP2004959//P54 PROTEIN PRECURSOR.//0.00000095//297aa//20%//P13692
 C-NT2RP2004961//Rattus norvegicus KRAB/zinc finger suppressor protein 1 (KS1) mRNA, complete cds.//1.00E-

- 228//1666bp//75%//U56732
 C-NT2RP2004978//ACTIN-LIKE PROTEIN ARP8.//3.30E-47//353aa//30%//Q12386
 C-NT2RP2005003//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A)).//
 1.80E-99//376aa//43%//P19474
- 5 C-NT2RP2005012//Homo sapiens mRNA for SEC63 protein.//0//1693bp//99%//AJ011779
 C-NT2RP2005037//ANTI-SILENCING PROTEIN 1.//3.30E-47//155aa//59%//P32447
 C-NT2RP2005038//DNA NUCLEOTIDYLEXOTRANSFERASE (EC 2.7.7.31) (TERMINAL ADDITION ENZYME)
 (TERMINAL DEOXYNUCLEOTIDYLTRANSFERASE) (TERMINAL TRANSFERASE).//4.00E-91//218aa//44%//
 Q92089
- 10 C-NT2RP2005116//PUTATIVE EUKARYOTIC TRANSLATION INITIATION FACTOR 3 ALPHA SUBUNIT (EIF-3
 ALPHA).//2.00E-173//273aa//57%//P34466
 C-NT2RP2005126//H.sapiens mRNA for RNA helicase (Myc-regulated dead box protein).//0//2388bp//98%//
 X98743
 C-NT2RP2005139//2-5A-DEPENDENT RIBONUCLEASE (EC 3.1.26.-) (2-5A-DEPENDENT RNAASE) (RNASE
 L) (RIBONUCLEASE 4) (FRAGMENT).//0.000000022//139aa//35%//Q05921
- 15 C-NT2RP2005144//Homo sapiens tubby like protein 3 (TULP3) mRNA, complete cds.//0.00E-01//1437bp//98%//
 AF045583
 C-NT2RP2005162//Homo sapiens aspartyl aminopeptidase mRNA, complete cds.//0//1615bp//99%//AF005050
 C-NT2RP2005168//Homo sapiens mRNA for E1B-55kDa-associated protein.//0//2769bp//98%//AJ007509
- 20 C-NT2RP2005204//Homo sapiens SUMO-1-activating enzyme E1N subunit (SUA1) mRNA, complete cds.//0//
 1262bp//99%//AF090385
 C-NT2RP2005239//Homo sapiens cysteine desulfurase (nifS) mRNA, complete cds.//0//2087bp//99%//AF097025
 C-NT2RP2005276//Homo sapiens mRNA for Acyl-CoA synthetase 3, complete cds.//0//2122bp//99%//D89053
 C-NT2RP2005288//Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete cds.//0//2992bp//99%//
- 25 AF060219
 C-NT2RP2005315//Homo sapiens meningioma-expressed antigen 5 (MEA5) mRNA, partial cds.//1.90E-170//
 780bp//100%//AF036144
 C-NT2RP2005325//Homo sapiens LIM-homeodomain protein HLHX2 (LHX2) mRNA, complete cds.//0//1643bp//
 99%//AF124735
- 30 C-NT2RP2005336//TRICHOHYALIN.//5.40E-10//545aa//22%//P37709
 C-NT2RP2005344//PROBABLE CALCIUM-TRANSPORTING ATPASE 5 (EC 3.6.1.38).//2.10E-124//636aa//
 38%//P32660
 C-NT2RP2005358//Homo sapiens methyl-CpG binding domain-containing protein MBD3 (MBD3) mRNA, com-
 plete cds.//0//2199bp//99%//AF072247
- 35 C-NT2RP2005360//Homo sapiens sentrin/SUMO-specific protease (SEN1) mRNA, complete cds.//1.30E-52//
 753bp//67%//AF149770
 C-NT2RP2005393//AUTOANTIGEN NGP-1.//7.20E-39//224aa//35%//Q13823
 C-NT2RP2005407//OXYSTEROL-BINDING PROTEIN.//5.30E-63//410aa//40%//P22059
 C-NT2RP2005436//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR
 SRP75).//1.20E-13//185aa//38%//Q08170
- 40 C-NT2RP2005441//Homo sapiens hypothalamus protein HT002 mRNA, complete cds.//4.10E-202//962bp//98%//
 AF113540
 C-NT2RP2005457//Homo sapiens NADH-ubiquinone oxidoreductase subunit B14.5B homolog mRNA, complete
 cds.//1.20E-13 0//608bp//99%//AF070652
- 45 C-NT2RP2005465//MITOCHONDRIAL CARRIER PROTEIN RIM2.//3.00E-44//252aa//41%//P38127
 C-NT2RP2005476//Human p190-B (p190-B) mRNA, complete cds.//3.40E-108//668bp//88%//U17032
 C-NT2RP2005490//Mus musculus D3Mm3e (D3Mm3e) mRNA, complete cds.//1.80E-175//1102bp//83%//
 AF053628
 C-NT2RP2005491//PARAMYOSIN (PMY) (ANTIGEN B).//0.00000015//279aa//26%//P35418
- 50 C-NT2RP2005496//ZINC FINGER PROTEIN 135.//2.90E-146//398aa//59%//P52742
 C-NT2RP2005498//PROTEIN PHOSPHATASE PP2A, 55 KD REGULATORY SUBUNIT, ALPHA ISOFORM (PRO-
 TEIN PHOSPHATASE PP2A B SUBUNIT ALPHA ISOFORM) (ALPHA-PR55).//5.20E-81//166aa//88%//P36876
 C-NT2RP2005509//Homo sapiens CGI-45 protein mRNA, complete cds.//0//1825bp//99%//AF151803
 C-NT2RP2005520//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds.//0//
 3994bp//99%//AF092563
- 55 C-NT2RP2005525//Mus musculus kanadaplin mRNA, complete cds.//2.40E-304//1687bp//85%//AF035526
 C-NT2RP2005531//PROTEIN 4.1 (BAND 4.1) (P4.1).//5.50E-70//393aa//39%//P11171
 C-NT2RP2005539//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//0//1560bp//98%//AJ012449

C-NT2RP2005549//PUTATIVE LACTOYLGLUTATHIONE LYASE (EC 4.4.1.5) (METHYLGLYOXALASE) (AL-
 DOKETOMUTASE) (GLYOXALASE I) (GLX I) (KETONE-ALDEHYDE MUTASE) (S-D-LACTOYLGLUTATHIONE
 METHYLGLYOXAL LYASE).//2.00E-20//181aa//36%//Q39366
 C-NT2RP2005557//Homo sapiens clone 486790 diphosphoinositol polyphosphate phosphohydrolase mRNA,
 5 complete cds.//1.00E-46//576bp//70%//AF062529
 C-NT2RP2005605//QUEUINE TRNA-RIBOSYLTRANSFERASE (EC 2.4.2.29) (TRNA-GUANINE TRANSGLYC-
 OSYLASE) (GUANINE INSERTION ENZYME).//8.20E-23//164aa//28%//O32053
 C-NT2RP2005620//Homo sapiens epsin 2a mRNA, complete cds.//8.9e-313//1455bp//98%//AF062085
 C-NT2RP2005635//PROBABLE NH(3)-DEPENDENT NAD(+) SYNTHETASE (EC 6.3.5.1).//1.00E-11//128aa//
 10 36%//P47623
 C-NT2RP2005654//CYSTEINE STRING PROTEIN (CCCS1).//1.20E-13//74aa//45%//P56101
 C-NT2RP2005669//Homo sapiens death effector domain-containing testicular molecule mRNA, complete cds.//
 1.60E-248//1129bp//99%//AF043733
 C-NT2RP2005675//Homo sapiens growth suppressor related (DOC-1R) mRNA, complete cds.//4.40E-200//
 15 908bp//99%//AF089814
 C-NT2RP2005694//X-LINKED RETINITIS PIGMENTOSA GTPASE REGULATOR.//2.60E-10//175aa//27%//
 Q92834
 C-NT2RP2005701//ZINC-FINGER PROTEIN RFP (RET FINGER PROTEIN).//3.00E-63//323aa//39%//Q62158
 C-NT2RP2005712//Homo sapiens myosin X (MYO10) mRNA, partial cds.//0//2681 bp//99%//AF132022
 20 C-NT2RP2005719//GPI-ANCHORED PROTEIN P137.//4.00E-14//99aa//43%//Q14444
 C-NT2RP2005722//Homo sapiens ZK1 mRNA for Kruppel-type zinc finger protein, complete cds.//0//2545bp//
 99%//AB011414
 C-NT2RP2005723//HNRNP ARGININE N-METHYLTRANSFERASE (EC 2.1.1.-) (ODP1 PROTEIN).//3.00E-09//
 169aa//28%//P38074
 25 C-NT2RP2005752//Homo sapiens TNFR-related death receptor-6 (DR6) mRNA, complete cds.//0//1968bp//99%//
 AF068868
 C-NT2RP2005753//Homo sapiens I-1 receptor candidate protein mRNA, complete cds.//0//1966bp//99%//
 AF082516
 C-NT2RP2005763//EUKARYOTIC INITIATION FACTOR 4A (EIF-4A).//1.70E-61//374aa//38%//P47943
 30 C-NT2RP2005767//G.gallus PB1 gene.//5.00E-163//1158bp//81%//X90849
 C-NT2RP2005773//Homo sapiens pyrroline 5-carboxylate reductase isoform (P5CR2) mRNA, complete cds.//
 2.70E-180//656bp//99%//AF151351
 C-NT2RP2005775//NEUROLYSIN PRECURSOR (EC 3.4.24.16) (NEUROTENSIN ENDOPEPTIDASE) (MITO-
 CHONDRIAL OLIGOPEPTIDASE M) (MICROSOMAL ENDOPEPTIDASE) (MEP) (SOLUBLE ANGIOTENSIN-
 35 BINDING PROTEIN) (SABP).//2.10E-213//249aa//85%//Q02038
 C-NT2RP2005776//POLY(A) POLYMERASE TYPE 2 (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYL-
 TRANSFERASE).//4.40E-55//358aa//42%//P51005
 C-NT2RP2005784//Homo sapiens ubiquitin-conjugating enzyme variant Kua (UBE2V) mRNA, complete cds.//0//
 2191bp//92%//AF155120
 40 C-NT2RP2005812//HYPOTHETICAL 39.3 KD PROTEIN IN GCN4-WBP1 INTERGENIC REGION.//2.30E-39//
 318aa//31%//P40004
 C-NT2RP2005835//SHP1 PROTEIN.//1.80E-28//208aa//32%//P34223
 C-NT2RP2005841//Homo sapiens mRNA for ALEX3, complete cds.//3.50E-52//1091bp//59%//AB039669
 C-NT2RP2005933//NUCLEOPORIN NUP57 (NUCLEAR PORE PROTEIN NUP57).//5.00E-11//155aa//34%//
 45 P48837
 C-NT2RP2005942//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYLTRANS-
 FERASE).//1.50E-67//388aa//44%//P25500
 C-NT2RP2006043//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR
 SRP75).//1.50E-13//185aa//38%//Q08170
 50 C-NT2RP2006071//Homo sapiens adaptor protein APPL mRNA, complete cds.//5.80E-120//1257bp//64%//
 AF169797
 C-NT2RP2006219//H.sapiens mRNA for DGCR6 protein.//1.10E-214//1026bp//97%//X96484
 C-NT2RP2006238//Rattus norvegicus CTD-binding SR-like protein rA8 mRNA, complete cds.//0//1669bp//88%//
 U49055
 55 C-NT2RP2006275//MICROTUBULE-ASSOCIATED PROTEIN 1B [CONTAINS: LIGHT CHAIN LC1].//2.00E-59//
 388aa//32%//P46821
 C-NT2RP2006312//Homo sapiens BAF57 (BAF57) gene, complete cds.//2.80E-274//1236bp//99%//AF035262
 C-NT2RP2006436//ANTERIOR-RESTRICTED HOMEBOX PROTEIN (RATHKE POUCH HOMEO BOX).//

- 3.40E-07//50aa//50%//Q61658
 C-NT2RP2006456//Homo sapiens leucine-rich glioma-inactivated protein precursor (LGI1) mRNA, complete cds.//1.30E-37//484bp//65%//AF055636
 C-NT2RP2006464//Homo sapiens mRNA for AND-1 protein.//0//2181bp//99%//AJ006266
 5 C-NT2RP2006534//5'-AMP-ACTIVATED PROTEIN KINASE, CATALYTIC ALPHA-1 CHAIN (EC 2.7.1.-) (AMPK ALPHA-1 CHAIN) (FRAGMENT).//3.20E-11//32aa//96%//Q13131
 C-NT2RP2006565//Homo sapiens secretory carrier-associated membrane protein (SCAMP) mRNA, complete cds.//3.10E-272//1220bp//95%//AF038966
 10 C-NT2RP2006571//CYTOCHROME P450 2G1 (EC 1.14.14.1) (CYP11G1) (P450-NMB) (OLFACTIVE).//4.20E-134//486aa//50%//P24461
 C-NT2RP2006573//2',3'-CYCLIC NUCLEOTIDE 3'-PHOSPHODIESTERASE (EC 3.1.4.37) (CNP).//0.0000055//169aa//25%//P09543
 C-NT2RP2006598//Homo sapiens retinoid x receptor interacting protein mRNA, complete cds.//3.10E-295//1193bp//99%//AF113538
 15 C-NT2RP3000031//HISTONE DEACETYLASE HDA1.//1.10E-71//350aa//42%//P53973
 C-NT2RP3000046//MITOCHONDRIAL GTPASE MSS1 PRECURSOR.//4.60E-78//421aa//37%//P32559
 C-NT2RP3000047//INPL4 PROTEIN.//1.10E-85//526aa//36%//P33755
 C-NT2RP3000050//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//2.20E-150//490aa//53%//Q05481
 20 C-NT2RP3000068//SON OF SEVENLESS PROTEIN HOMOLOG 1 (SOS-1) (MSOS-1).//2.20E-06//165aa//27%//Q62245
 C-NT2RP3000085//ACETYL-/PROPIONYL-COENZYME A CARBOXYLASE ALPHA CHAIN [CONTAINS: BIOTIN CARBOXYLASE (EC 6.3.4.14); BIOTIN CARBOXYL CARRIER PROTEIN (BCCP)].//1.90E-123//436aa//50%//P46401
 25 C-NT2RP3000109//P54 PROTEIN PRECURSOR.//0.0000065//358aa//22%//P13692
 C-NT2RP3000207//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//2.90E-11//721aa//23%//P08640
 C-NT2RP3000233//RING CANAL PROTEIN (KELCH PROTEIN).//9.30E-84//453aa//42%//Q04652
 C-NT2RP3000252//Homo sapiens GTP-binding protein NGB mRNA, complete cds.//0//2388bp//99%//AF120334
 30 C-NT2RP3000299//Rattus norvegicus mRNA for Crk-associated substrate, pi 30, complete cds.//0//2730bp//82%//D29766
 C-NT2RP3000320//Homo sapiens partial mRNA for putative p621 protein which interacts with transcription factor Sp1.//0//1544bp//100%//AJ242978
 C-NT2RP3000333//Rattus norvegicus db83 mRNA, complete cds.//2.90E-191//1094bp//85%//AB006135
 35 C-NT2RP3000341//Homo sapiens mitochondrial inner membrane preprotein translocase Tim17a mRNA, nuclear gene encoding mitochondrial protein, complete cds.//1.50E-246//1124bp//99%//AF106622
 C-NT2RP3000350//Homo sapiens GTP-binding protein NGB mRNA, complete cds.//0//2392bp//99%//AF120334
 C-NT2RP3000359//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL (EC 2.7.4.10) (AK3).//2.00E-111//226aa//92%//P08760
 40 C-NT2RP3000361//Homo sapiens mRNA, complete cds, similar to yeast pre-mRNA splicing factors, Prp1/Zer1 and Prp6.//0//2072bp//98%//AB019219
 C-NT2RP3000366//RAS-RELATED PROTEIN RAB-18.//2.10E-107//206aa//99%//P35293
 C-NT2RP3000393//Rattus norvegicus DNA-binding protein PREB (Preb) mRNA, complete cds.//5.80E-266//1373bp//86%//AF061817
 45 C-NT2RP3000397//PUTATIVE PRE-MRNA SPLICING FACTOR RNA HELICASE (DEAH BOX PROTEIN 13).//1.70E-139//679aa//41%//O43143
 C-NT2RP3000403//Homo sapiens formin binding protein 21 mRNA, complete cds.//0//2364bp//99%//AF071185
 C-NT2RP3000439//HYPOTHETICAL 46.4 KD PROTEIN IN FFH-GRPE INTERGENIC REGION.//2.90E-15//319aa//26%//P37908
 50 C-NT2RP3000441//Homo sapiens squamous cell carcinoma antigen recognized by T cell (SART-2) mRNA, complete cds.//3.40E-42//645bp//67%//AF098066
 C-NT2RP3000512//Human HOX2G mRNA from the Hox2 locus.//0//1934bp//99%//X16667
 C-NT2RP3000527//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6).//4.80E-28//536aa//27%//P28160
 C-NT2RP3000531//POLIOVIRUS RECEPTOR PRECURSOR (CD155 ANTIGEN).//1.90E-12//192aa//30%//P15151
 55 C-NT2RP3000562//Homo sapiens putative RNA-binding protein Q99 mRNA, complete cds.//0//2165bp//99%//AF093097
 C-NT2RP3000578//HES1 PROTEIN.//1.30E-22//229aa//27%//P35843

C-NT2RP3000590//UVS-2 PROTEIN.//1.30E-22//458aa//24%/P33288
 C-NT2RP3000596//TRICHOHYALIN.//2.50E-17//304aa//28%/Q07283
 C-NT2RP3000603//NEUROGENIC DIFFERENTIATION FACTOR 1.//3.70E-11//90aa//42%/Q13562
 C-NT2RP3000605//Mus musculus mRNA for wizL, complete cds.//0//2232bp//82%/AB012265
 5 C-NT2RP3000624//Rattus norvegicus mRNA for SECIS binding protein 2 (sbp2 gene).//5.80E-234//1562bp//81%/AJ251245
 C-NT2RP3000632//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//3.00E-140//499aa//46%/P51523
 C-NT2RP3000739//ATROPHIN-1 (DENTATORUBRAL-PALLIDOLUYSIAN ATROPHY PROTEIN).//1.40E-24//155aa//37%/Q10149
 10 C-NT2RP3000742//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE DELTA 1 (EC 3.1.4.11) (PLC-DELTA-1) (PHOSPHOLIPASE C-DELTA-1) (PLC-III) (FRAGMENT).//4.10E-165//371aa//49%/P10895
 C-NT2RP3000753//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT PROTEIN) (NF-H).//2.00E-10//565aa//24%/P12036
 15 C-NT2RP3000759//ADP-RIBOSYLATION FACTOR.//7.00E-28//176aa//34%/Q94650
 C-NT2RP3000825//NEUROGENIC LOCUS NOTCH 3 PROTEIN.//2.50E-36//417aa//31%/Q61982
 C-NT2RP3000826//Homo sapiens mRNA for seven transmembrane protein TM7SF3, complete cds.//0//2522bp//99%/AB032470
 20 C-NT2RP3000845//PUTATIVE SERINE/THREONINE-PROTEIN KINASE P78 (EC 2.7.1.-).//8.30E-108//331aa//50%/P27448
 C-NT2RP3000868//Human ovarian cancer downregulated myosin heavy chain homolog (Doc1) mRNA, complete cds.//6.90E-69//1611bp//61%/U53445
 C-NT2RP3000869//Drosophila melanogaster AAA family protein Bor (bor) mRNA, complete cds.//2.60E-138//1673bp//67%/AF227209
 25 C-NT2RP3000875//MEVALONATE KINASE (EC 2.7.1.36) (MK).//7.70E-87//175aa//98%/Q03426
 C-NT2RP3000917//DHP1 PROTEIN.//1.00E-193//428aa//55%/P40848
 C-NT2RP3000919//Rattus norvegicus golgi peripheral membrane protein p65 (GRASP65) mRNA, complete cds.//2.70E-185//585bp//88%/AF015264
 30 C-NT2RP3000968//40S RIBOSOMAL PROTEIN S15A.//1.90E-46//73aa//98%/P39027
 C-NT2RP3000994//MATERNAL EFFECT PROTEIN STAUFEN.//0.00000006//78aa//48%/P25159
 C-NT2RP3001055//Drosophila melanogaster separation anxiety protein (san) mRNA, complete cds.//3.80E-38//462bp//70%/AF225902
 C-NT2RP3001057//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//9.00E-201//584aa//54%/Q05481
 35 C-NT2RP3001081//Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete cds.//7.10E-47//537bp//74%/AF060219
 C-NT2RP3001096//Rattus norvegicus leprecan (lepre1) mRNA, complete cds.//1.70E-94//787bp//66%/AF087433
 40 C-NT2RP3001107//PEREGRIN (BR140 PROTEIN).//3.00E-44//260aa//40%/P55201
 C-NT2RP3001111//Homo sapiens TRF-proximal protein mRNA, complete cds.//1.50E-149//731bp//97%/AF097725
 C-NT2RP3001113//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//2.90E-11//631aa//23%/P25386
 45 C-NT2RP3001120//ZINC FINGER, PROTEIN 136.//7.80E-170//512aa//58%/P52737
 C-NT2RP3001140//F-SPONDIN PRECURSOR.//9.90E-238//419aa//96%/P35446
 C-NT2RP3001150//TRANSCRIPTION TERMINATION FACTOR RHO.//0.00000031//207aa//29%/P52154
 C-NT2RP3001155//Homo sapiens mRNA for AND-1 protein.//0//2732bp//99%/AJ006266
 C-NT2RP3001176//HYPOTHETICAL 65.3 KD PROTEIN IN MAD1-SCY1 INTERGENIC REGION.//1.70E-10//196aa//27%/P53154
 50 C-NT2RP3001216//CYLICIN I (MULTIPLE-BAND POLYPEPTIDE I) (FRAGMENT).//0.0000023//137aa//33%/P35663
 C-NT2RP3001221//GAMMA-BUTYROBETAINE,2-OXOGLUTARATE DIOXYGENASE (EC 1.14.11.1) (GAMMA-BUTYROBETAINE HYDROXYLASE).//1.90E-31//353aa//30%/P80193
 55 C-NT2RP3001239//MICROTUBULE-ASSOCIATED PROTEIN 1B (MAP1.2) (MAP1(X)) [CONTAINS: LIGHT CHAIN LC1].//1.20E-166//395aa//51%/P14873
 C-NT2RP3001253//NUF1 PROTEIN (SPINDLE POLY BODY SPACER PROTEIN SPC110).//1.70E-10//540aa//23%/P32380

C-NT2RP3001268//Homo sapiens zinc finger protein ZNF228 (ZNF228) mRNA, complete cds.//0//3606bp//99%//
 AF198358
 C-NT2RP3001272//Mus musculus mRNA for macrophage actin-associated-tyrosine-phosphorylated protein.//
 1.30E-99//669bp//83 %//Y18101
 5 C-NT2RP3001307//Gallus gallus RPE65 mRNA, complete cds.//4.20E-29//530bp//63%//AB017594
 C-NT2RP3001338//ZINC FINGER PROTEIN 81 (FRAGMENT).//2.40E-16//175aa//28%//P51508
 C-NT2RP3001355//TRICARBOXYLATE TRANSPORT PROTEIN PRECURSOR (CITRATE TRANSPORT PRO-
 TEIN) (CTP) (TRICARBOXYLATE CARRIER PROTEIN).//3.60E-25//129aa//34%//P32089
 C-NT2RP3001383//Mus musculus ARL-6 interacting protein-6 (Aip-6) mRNA, partial cds.//3.40E-40//355bp//79%//
 10 AF133913
 C-NT2RP3001384//Homo sapiens mRNA for LA95 protein.//0//1214bp//99%//AJ243467
 C-NT2RP3001398//TRANSCRIPTIONAL REPRESSOR CTCF.//1.30E-61//374aa//36%//P49711
 C-NT2RP3001399//SSU72 PROTEIN.//1.30E-16//84aa//52%//P53538
 C-NT2RP3001407//SCY1 PROTEIN.//0.00000033//143aa//25%//P53009
 15 C-NT2RP3001426//DNAJ PROTEIN (FRAGMENT).//1.00E-16//77aa//46%//O33529
 C-NT2RP3001427//WERNER SYNDROME HEUCASE HOMOLOG.//2.70E-10//159aa//33%//O09053
 C-NT2RP3001428//NUCLEOPROTEIN TPR.//1.40E-128//152aa//99%//P 12270
 C-NT2RP3001453//ANTIGEN PEPTIDE TRANSPORTER 2 (APT2) (HISTOCOMPATIBILITY ANTIGEN MODIFI-
 ER 2).//3.20E-90//157aa//59%//P36371
 20 C-NT2RP3001457//Drosophila melanogaster Melted (melt) mRNA, partial cds.//4.60E-20//792bp//59%//
 AF205831
 C-NT2RP3001472//NONHISTONE CHROMOSOMAL PROTEIN 6A.//9.10E-13//87aa//43%//P11632
 C-NT2RP3001495//Human oxidoreductase (HHCMA56) mRNA, complete cds.//0//1475bp//99%//U13395
 C-NT2RP3001497//Homo sapiens multiple membrane spanning receptor TRC8 (TRC8) mRNA, complete cds.//
 25 0//2295bp//99%//AF064801
 C-NT2RP3001527//Human Sp140 protein (Sp140) mRNA, complete cds.//4.30E-290//793bp//93%//U63420
 C-NT2RP3001529//SPO0B-ASSOCIATED GTP-BINDING PROTEIN.//1.00E-61//345aa//42%//P20964
 C-NT2RP3001538//HYPOTHETICAL 39.0 KD PROTEIN T28D9.3 IN CHROMOSOME II.//9.10E-10//158aa//
 31%//Q10022
 30 C-NT2RP3001554//MICROTUBULE-ASSOCIATED PROTEIN 1B [CONTAINS: LIGHT CHAIN LC1].//1.40E-76//
 388aa//32%//P46821
 C-NT2RP3001580//Mus musculus strain C57BL/J germ cell-less protein (Gcl) mRNA, complete cds.//0//1730bp//
 85%//AF163665
 C-NT2RP3001587//Human anthracycline-associated resistance ARX mRNA, complete cds.//0//2617bp//99%//
 35 U35832
 C-NT2RP3001642//HYPOTHETICAL PROTEIN KIAA0210.//6.80E-18//91aa//38%//Q92609
 C-NT2RP3001646//WD-40 REPEAT PROTEIN MSI2.//8.80E-09//132aa//31%//O22468
 C-NT2RP3001671//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//0//1557bp//98%//AJ012449
 C-NT2RP3001672//Homo sapiens Sex comb on midleg homolog 1 isoform 2 (SCMH1) mRNA, complete cds.//0//
 40 2836bp//99%//AF149046
 C-NT2RP3001679//Homo sapiens rec mRNA, complete cds.//0//2495bp//99%//AB023584
 C-NT2RP3001688//Homo sapiens DNA binding protein p96PIF mRNA, complete cds.//0//1869bp//99%//
 AF173868
 C-NT2RP3001690//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//0.00000024//481aa//21%//
 45 P25386
 C-NT2RP3001708//TWISTED GASTRULATION PROTEIN PRECURSOR.//3.40E-33//161aa//32%//P54356
 C-NT2RP3001712//Homo sapiens HP1-BP74 protein mRNA, complete cds.//0//1788bp//99%//AF113534
 C-NT2RP3001723//Homo sapiens cell recognition molecule Caspr2 (CASPR2) mRNA, complete cds.//1.40E-58//
 1138bp//63%//AF193613
 50 C-NT2RP3001724//Homo sapiens chromodomain-helicase-DNA-binding protein mRNA, complete cds.//1.10E-
 240//902bp//99%//AF054177
 C-NT2RP3001727//Rattus norvegicus implantation-associated protein (IAG2) mRNA, partial cds.//6.90E-132//
 774bp//88%//AF008554
 C-NT2RP3001730//SEPTIN 2 HOMOLOG (FRAGMENT).//7.10E-132//294aa//84%//Q14141
 55 C-NT2RP3001739//HYPOTHETICAL 72.5 KD PROTEIN C2F7.10 IN CHROMOSOME I.//1.40E-15//190aa//32%//
 Q09701
 C-NT2RP3001792//HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN M (HNRNP M).//1.80E-117//
 462aa//55%//P52272

C-NT2RP3001799//MYOSIN HEAVY CHAIN, STRIATED MUSCLE.//1.60E-11//348aa//27%//P24733
 C-NT2RP3001819//RING CANAL PROTEIN (KELCH PROTEIN).//7.40E-18//249aa//30%//Q04652
 C-NT2RP3001854//Homo sapiens novel retinal pigment epithelial cell protein (NORPEG) mRNA, complete cds.//0//2742bp//99%//AF155135
 5 C-NT2RP3001855//HOMEBOX PROTEIN PKNOX1 (HOMEBOX PROTEIN PREP-1).//8.10E-125//302aa//60%//P55347
 C-NT2RP3001857//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//1.20E-14//242aa//24%//Q00808
 C-NT2RP3001898//Homo sapiens mRNA for UDP-N-acetylglucosamine: alpha-1,3-D-mannoside beta-1,4-N-acetylglucosaminyltransferase IV, complete cds.//0//1587bp//100%//AB000624
 10 C-NT2RP3001931//Rattus norvegicus clone C48 CDK5 activator-binding protein mRNA, complete cds.//4.30E-91//656bp//81%//AF177478
 C-NT2RP3001938//SPORULATION-SPECIFIC PROTEIN 1 (EC 2.7.1.-).//1.30E-22//227aa//33%//P08458
 C-NT2RP3001944//HYPOTHETICAL 47.6 KD PROTEIN C16C10.5 IN CHROMOSOME III.//3.10E-92//314aa//51%//Q09251
 15 C-NT2RP3001969//TRICHOHYALIN.//2.70E-11//442aa//23%//P37709
 C-NT2RP3002004//H.sapiens mRNA for FAST kinase.//1.50E-192//475bp//94%//X86779
 C-NT2RP3002007//SAP1 PROTEIN.//1.1 OE-68//474aa//32%//P39955
 C-NT2RP3002014//HYPOTHETICAL 32.0 KD PROTEIN C09F5.2 IN CHROMOSOME III.//5.30E-25//139aa//48%//Q09232
 20 C-NT2RP3002045//ALPHA-ADAPTIN C (CLATHRIN ASSEMBLY PROTEIN COMPLEX 2 ALPHA-C LARGE CHAIN) (100 KD COATED VESICLE PROTEIN C) (PLASMA MEMBRANE ADAPTOR HA2/AP2 ADAPTIN ALPHA C SUBUNIT.//1.00E-299//397aa//94%//P18484
 C-NT2RP3002056//RETINOBLASTOMA BINDING PROTEIN 1 (RBBP-1).//2.00E-48//475aa//35%//P29374
 C-NT2RP3002062//Homo sapiens BAG-family molecular chaperone regulator-5 mRNA, complete cds.//0//3764bp//99%//AF095195
 25 C-NT2RP3002081//Xenopus laevis chromosome condensation protein XCAP-G mRNA, complete cds.//4.10E-233//1896bp//69%//AF111423
 C-NT2RP3002108//DEC1 PROTEIN (MDM20 PROTEIN).//7.90E-09//181aa//22%//Q12387
 C-NT2RP3002151//G1 TO S PHASE TRANSITION PROTEIN 1 HOMOLOG (GTP-BINDING PROTEIN GST1-HS).//2.80E-253//474aa//93%//P15170
 30 C-NT2RP3002165//TRANSCRIPTIONAL REGULATOR PROTEIN HCNGP.//1.90E-151//223aa//91%//Q02614
 C-NT2RP3002273//SCD6 PROTEIN.//1.30E-09//295aa//28%//P45978
 C-NT2RP3002303//PROBABLE UNDECAPRENYL PYROPHOSPHATE SYNTHETASE (EC 2.5.1.31) (UPP SYNTHETASE) (DI-TRANS-POLY-CIS-DECAPRENYLCISTRANSFERASE).//8.60E-49//243aa//43%//Q58767
 35 C-NT2RP3002330//Homo sapiens eRFS mRNA, complete cds.//0//2443bp//99%//U87791
 C-NT2RP3002351//Human mRNA for NAD-dependent methylene tetrahydrofolate dehydrogenase cyclohydrolase (EC 1.5.1.15).//4.20E-70//590bp//76%//X16396
 C-NT2RP3002399//DNA REPLICATION LICENSING FACTOR MCM4 (CDC21 HOMOLOG) (P1-CDC21).//8.60E-79//416aa//34%//P33991
 40 C-NT2RP3002501//THREONINE DEHYDRATASE CATABOLIC (EC 4.2.1.16) (THREONINE DEAMINASE).//3.70E-43//318aa//37%//P05792
 C-NT2RP3002529//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS45.//8.90E-95//542aa//38%//P38932
 C-NT2RP3002549//HYPOTHETICAL 26.6 KD PROTEIN T19C3.4 IN CHROMOSOME III.//5.80E-40//161aa//52%//Q10010
 45 C-NT2RP3002602//PROBABLE PROTEIN DISULFIDE ISOMERASE ER-60 PRECURSOR (EC 5.3.4.1) (ERP60) (58 KD MICROSOMAL PROTEIN) (P58) (HIP-70) (Q-2).//2.90E-19//173aa//28%//P11598
 C-NT2RP3002628//PROBABLE PROTEIN DISULFIDE ISOMERASE P5 PRECURSOR (EC 5.3.4.1).//2.50E-26//90aa//42%//P38660
 50 C-NT2RP3002631//Homo sapiens Ran binding protein 11 mRNA, complete cds.//0//1703bp//99%//AF111109
 C-NT2RP3002650//Mus musculus growth suppressor 1L (Gros1) mRNA, complete cds.//0//2109bp//87%//AF165163
 C-NT2RP3002663//Homo sapiens putative glycolipid transfer protein mRNA, complete cds.//8.10E-263//1243bp//97%//AF103731
 55 C-NT2RP3002671//ELONGATION FACTOR 2 (EF-2).//2.50E-73//179aa//36%//P13060
 C-NT2RP3002682//Homo sapiens CGI-145 protein mRNA, complete cds.//0//1596bp//98%//AF151903
 C-NT2RP3002688//Mouse mRNA for kinesin-like protein (Kif1b), complete cds.//1.10E-93//1205bp//69%//D17577
 C-NT2RP3002770//MYELOID DIFFERENTIATION PRIMARY RESPONSE PROTEIN MYD116.//1.00E-07//70aa//

41%//P17564
 C-NT2RP3002785//LETHAL(2)DENTICLELESS PROTEIN (DTL83 PROTEIN).//2.50E-55//187aa//39%//Q24371
 C-NT2RP3002810//HISTIDINE-RICH PROTEIN KE4.//2.20E-10//260aa//26%//Q31125
 C-NT2RP3002818//INSERTION ELEMENT IS2A HYPOTHETICAL 48.2 KD PROTEIN.//5.70E-226//303aa//97%//
 5 P51026
 C-NT2RP3002869//Mus musculus semaphorin VIa mRNA, complete cds.//2.50E-232//1282bp//85%//AF030430
 C-NT2RP3002876//Drosophila melanogaster eyelid (eld) mRNA, complete cds.//1.30E-29//805bp//61%//
 AF053091
 C-NT2RP3002909//P53-BINDING PROTEIN 2 (53BP2) (BCL2-BINDING PROTEIN) (BBP).//1.50E-125//512aa//
 10 47%//Q13625
 C-NT2RP3002948//RING CANAL PROTEIN (KELCH PROTEIN).//2.00E-111//551aa//42%//Q04652
 C-NT2RP3002953//Homo sapiens protocadherin beta 5 (PCDH-beta5) mRNA, complete cds.//0//2388bp//99%//
 AF152498
 C-NT2RP3002969//Homo sapiens mRNA for Acyl-CoA synthetase 3, complete cds.//0//2722bp//99%//D89053
 15 C-NT2RP3002972//Halocynthia roretzi mRNA for HrPET-1, complete cds.//3.90E-52//899bp//64%//AB029333
 C-NT2RP3002988//Homo sapiens Ikb kinase-b (IKK-beta) mRNA, complete cds.//1.80E-292//1325bp//99%//
 AF080158
 C-NT2RP3003032//Homo sapiens okadaic acid-inducible and cAMP-regulated phosphoprotein 19 (ARPP-19) mR-
 NA, complete cds.//0//2656bp//99%//AF084555
 20 C-NT2RP3003059//Rattus norvegicus potassium channel regulator 1 mRNA, complete cds.//3.80E-152//1007bp//
 82%//UJ78090
 C-NT2RP3003061//ANKYRIN.//1.40E-20//200aa//37%//Q02357
 C-NT2RP3003071//NEUROGENIC PROTEIN BIG BRAIN.//1.10E-05//258aa//24%//P23645
 C-NT2RP3003078//Rattus norvegicus mRNA for ischemia related factor NYW-1, complete cds.//2.60E-112//
 25 633bp//88%//AB027149
 C-NT2RP3003101//Mouse mRNA for tetracycline transporter-like protein, complete cds.//3.60E-83//807bp//72%//
 D88315
 C-NT2RP3003133//Homo sapiens ZK1 mRNA for Kruppel-type zinc finger protein, complete cds.//0//1998bp//
 91%//AB011414
 30 C-NT2RP3003138//Homo sapiens kinesin superfamily motor KIF4 mRNA, complete cds.//0//2159bp//98%//
 AF071592
 C-NT2RP3003145//Mus musculus metallocarboxypeptidase CPX-1 mRNA, complete cds.//0//2251bp//81%//
 AF077738
 C-NT2RP3003185//TROPOMYOSIN1, FUSION PROTEIN 33.//2.80E-06//402aa//23%//P49455
 35 C-NT2RP3003193//ZINC FINGER PROTEIN 135.//7.30E-98//269aa//62%//P52742
 C-NT2RP3003197//HYPOTHETICAL 33.8 KD PROTEIN C5H10.01 IN CHROMOSOME I.//5.70E-09//169aa//
 31%//Q09674
 C-NT2RP3003203//Rattus norvegicus golgi stacking protein homolog GRASP55 mRNA, complete cds.//2.00E-
 210//1851 bp//76%//AF110267
 40 C-NT2RP3003212//Rattus norvegicus lamina associated polypeptide 1C (LAP1C) mRNA, complete cds.//4.30E-
 187//1750bp//75%//U20286
 C-NT2RP3003230//Homo sapiens mRNA for hCRNN4, complete cds.//0//2350bp//99%//AB030656
 C-NT2RP3003242//Homo sapiens stanniocalcin-related protein mRNA, complete cds.//0//2366bp//99%//
 AF098462
 45 C-NT2RP3003251//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A)).//
 4.20E-86//366aa//48%//P19474
 C-NT2RP3003282//Homo sapiens dynamin (DNM) mRNA, complete cds.//0//2596bp//98%//L36983
 C-NT2RP3003290//Mus musculus mRNA for Ndr1 related protein Ndr3, complete cds.//1.5e-310//1468bp//82%//
 AB033922
 50 C-NT2RP3003301//MITOCHONDRIAL LON PROTEASE HOMOLOG 1 PRECURSOR (EC 3.4.21.-).//1.10E-170//
 585aa//54%//O64948
 C-NT2RP3003313//Homo sapiens thyroid hormone receptor-associated protein complex component TRAP80 mR-
 NA, complete cds.//0//2476bp//99%//AF117657
 C-NT2RP3003327//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A))
 55 (RO52).//1.30E-35//178aa//44%//Q62191
 C-NT2RP3003353//HYPOTHETICAL 26.2 KD PROTEIN IN GDI1-COX15 INTERGENIC REGION.//2.80E-07//
 161aa//28%//P40084
 C-NT2RP3003385//Mus musculus SKD3 mRNA, complete cds.//0//2133bp//85%//U09874

- C-NT2RP3003409//Human DHHC-domain-containing cysteine-rich protein mRNA, complete cds.//9.20E-45//782bp//65%//U90653
- C-NT2RP3003411//Mus musculus COP9 complex subunit 7b (COPS7b) mRNA, complete cds.//6.30E-270//743bp//90%//AF071317
- 5 C-NT2RP3003490//Homo sapiens mRNA for putative phospholipase, complete cds.//4.50E-81//649bp//67%//AB019435
- C-NT2RP3003491//Drosophila melanogaster Pelle associated protein Pellino (Pli) mRNA, complete cds.//5.60E-36//842bp//62%//AF091624
- C-NT2RP3003500//SCY1 PROTEIN.//9.20E-27//601aa//23%//P53009
- 10 C-NT2RP3003555//HYPOTHETICAL 32.6 KD PROTEIN IN MET30-PIG2 INTERGENIC REGION.//4.50E-30//191aa//40%//P40529
- C-NT2RP3003589//Homo sapiens ras-related GTP-binding protein mRNA, complete cds.//0//3131bp//94%//AF106681
- C-NT2RP3003659//HES1 PROTEIN.//5.90E-22//229aa//27%//P35843
- 15 C-NT2RP3003665//Homo sapiens mRNA for beta-ureidopropionase, complete cds.//0//1690bp//99%//AB013885
- C-NT2RP3003672//T-CELL SURFACE GLYCOPROTEIN E2 PRECURSOR (E2 ANTIGEN) (CD99) (MIC2 PROTEIN) (12E7).//2.20E-13//146aa//42%//P14209
- C-NT2RP3003701//F-SPONDIN PRECURSOR.//1.80E-17//324aa//26%//P35446
- C-NT2RP3003716//SLIT PROTEIN PRECURSOR.//6.60E-10//150aa//34%//P24014
- 20 C-NT2RP3003726//Homo sapiens spermatogenesis associated PD1 mRNA, complete cds.//0//2568bp//99%//U28164
- C-NT2RP3003799//Rattus norvegicus Srg1 (Sytr1) mRNA, complete cds.//9.00E-238//1529bp//84%//U71294
- C-NT2RP3003800//Rattus norvegicus tyrosine protein kinase pp60-c-src mRNA, complete cds.//1.90E-163//924bp//89%//AF130457
- 25 C-NT2RP3003809//SAV PROTEIN.//1.10E-131//576aa//41%//Q07590
- C-NT2RP3003825//PHOSPHATIDYLCHOLINE TRANSFER PROTEIN (PC-TP).//9.60E-19//174aa//31%//P02720
- C-NT2RP3003831//Homo sapiens ENDOGL-1 (alias ENGL-a) mRNA for endonuclease G-like protein-1, complete cds.//2.2e-316//1436bp//99%//AB020523
- 30 C-NT2RP3003846//Homo sapiens mRNA for putative phospholipase, complete cds.//4.80E-277//1255bp//99%//AB019435
- C-NT2RP3003876//Rattus norvegicus Rabin3 mRNA, complete cds.//4.50E-147//874bp//87%//U19181
- C-NT2RP3003914//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-) (DUGT).//2.20E-20//76aa//64%//Q09332
- 35 C-NT2RP3003918//Homo sapiens VAMP-associated protein B (VAP-B) mRNA, complete cds.//0//2191bp//99%//AF086628
- C-NT2RP3004013//M.musculus Spnr mRNA for RNA binding protein.//6.50E-240//1215bp//94%//X84692
- C-NT2RP3004016//TRANSCRIPTION INTERMEDIARY FACTOR 1-BETA (NUCLEAR COREPRESSOR KAP-1) (KRAB-ASSOCIATED PROTEIN 1).//1.50E-17//226aa//26%//Q13263
- 40 C-NT2RP3004078//H.sapiens HRFX2 mRNA.//0//1806bp//99%//X76091
- C-NT2RP3004125//Mus musculus zinc finger protein splice variant FIZ1-B (Fiz1) mRNA, complete cds.//4.60E-229//1560bp//78%//AF126747
- C-NT2RP3004148//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//7.90E-05//271aa//22%//P08640
- 45 C-NT2RP3004155//Homo sapiens COQ7 protein mRNA, complete cds.//1.10E-179//823bp//100%//AF098948
- C-NT2RP3004189//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//1.30E-14//242aa//24%//Q00808
- C-NT2RP3004206//CROOKED NECK PROTEIN.//1.40E-220//567aa//67%//P17886
- C-NT2RP3004207//Homo sapiens mRNA for type I transmembrane receptor (psk-1 gene).//0//2445bp//100%//AJ245820
- 50 C-NT2RP3004209//Homo sapiens ubiquitin processing protease (Ubp-M) mRNA, complete cds.//0//2320bp//99%//AF126736
- C-NT2RP3004242//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/RAC GEF) (FACIOGENITAL DYSPLASIA PROTEIN HOMOLOG).//4.70E-13//118aa//33%//P52734
- C-NT2RP3004258//Homo sapiens ZIS1 mRNA, complete cds.//0//1861bp//99%//AF065391
- 55 C-NT2RP3004262//Homo sapiens heat shock protein hsp40-3 mRNA, complete cds.//2.40E-248//1126bp//100%//AF088982
- C-NT2RP3004282//Homo sapiens torsinA (DYT1) mRNA, complete cds.//5.10E-24//597bp//61%//AF007871
- C-NT2RP3004348//R.norvegicus mRNA for cytosolic resiniferatoxin-binding protein.//1.10E-185//1130bp//82%//

X67877
 C-NT2RP3004378//Drosophila melanogaster separation anxiety protein (san) mRNA, complete cds.//3.90E-38//462bp//70%//AF225902
 C-NT2RP3004424//Homo sapiens mRNA for stromal antigen 3 (STAG3 gene).//1.00E-66//364bp//93%//AJ007798
 5 C-NT2RP3004428//CHROMODOMAIN HELICASE-DNA-BINDING PROTEIN 4 (CHD-4) (MI-2 AUTOANTIGEN 218 KD PROTEIN) (MI2-BETA).//5.20E-09//212aa//25%//Q14839
 C-NT2RP3004472//GERM CELL-LESS PROTEIN.//1.60E-61//170aa//40%//Q01820
 C-NT2RP3004480//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS35.//3.30E-113//466aa//42%//P34110
 10 C-NT2RP3004490//Homo sapiens mRNA for Musashi, complete cds.//4.00E-303//1385bp//99%//AB012851
 C-NT2RP3004498//Mus musculus ROSA 26 transcription AS ROSA26AS mRNA, complete cds.//2.00E-249//1777bp//80%//U83176
 C-NT2RP3004504//M.musculus mRNA for CPEB protein.//1.90E-295//893bp//92%//Y08260
 C-NT2RP3004507//MOB1 PROTEIN (MPS1 BINDER 1).//3.70E-37//190aa//39%//P40484
 15 C-NT2RP3004534//Mouse oncogene (ect2) mRNA, complete cds.//0//2075bp//87%//L11316
 C-NT2RP3004544//THYROID RECEPTOR INTERACTING PROTEIN 10 (TRIP10) (FRAGMENT).//1.00E-22//1.3aa//53%//Q15642
 C-NT2RP3004566//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.20E-95//434aa//43%//P51523
 20 C-NT2RP3004569//ANKYRIN, BRAIN VARIANT 1 (ANKYRIN B) (ANKYRIN, NONERYTHROID).//3.80E-08//150aa//28%//Q01484
 C-NT2RP3004572//Homo sapiens TATA binding protein associated factor (TAFII150) mRNA, complete cds.//0//1853bp//99%//AF040701
 C-NT2RP3004578//MYOSIN HEAVY CHAIN, CLONE 203 (FRAGMENT).//5.50E-12//396aa//23%//P39922
 25 C-NT2RP3004594//Homo sapiens mRNA for AND-1 protein.//0//1807bp//99%//AJ006266
 C-NT2RP3004617//ZINC-BINDING PROTEIN A33.//7.20E-75//464aa//35%//Q02084
 C-NT2RP3004618//Homo sapiens putative RNA-binding protein Q99 mRNA, complete cds.//0//3972bp//98%//AF093097
 C-NT2RP3004669//ETHANOLAMINE KINASE (EC 2.7.1.82) (EASILY SHOCKED PROTEIN).//1.70E-72//254aa//45%//P54352
 30 C-NT2RP3004670//Homo sapiens GN6ST mRNA for N-acetylglucosamine-6-O-sulfotransferase (GlcNAc6ST), complete cds.//0//2393bp//99%//AB014679
 C-NT2RP4000008//CHLORINE CHANNEL PROTEIN P64.//2.60E-98//239aa//64%//P35526
 C-NT2RP4000051//SYNAPTONEMAL COMPLEX PROTEIN SC65.//4.90E-51//335aa//37%//Q64375
 35 C-NT2RP4000078//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//0//2160bp//99%//AJ012449
 C-NT2RP4000109//Homo sapiens mRNA for MEGF5, partial cds.//0//2161bp//99%//AB011538
 C-NT2RP4000111//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100 KD SUBUNIT).//0//728aa//99%//Q10568
 C-NT2RP4000129//Xenopus laevis F-box protein 28 (Fbx28) mRNA, partial cds.//1.40E-28//296bp//75%//AF176667
 40 C-NT2RP4000147//Rattus norvegicus ADP-ribosylation factor-directed GTPase activating protein mRNA, complete cds.//4.30E-188//1543bp//78%//U35776
 C-NT2RP4000210//PAIRED AMPHIPATHIC HELIX PROTEIN.//1.00E-71//396aa//36%//P22579
 C-NT2RP4000212//ATRIAL GLAND-SPECIFIC ANTIGEN PRECURSOR (AGSA).//5.90E-15//104aa//40%//P15287
 45 C-NT2RP4000243//Homo sapiens mRNA for cartilage-associated protein (CASP).//0//1932bp//99%//AJ006470
 C-NT2RP4000246//NPC DERIVED PROLINE RICH PROTEIN 1 (NDPP-1).//2.70E-84//208aa//76%//Q03173
 C-NT2RP4000259//GLUTATHIONE PEROXIDASE.2 (EC 1.11.1.9).//5.50E-29//153aa//43%//O23968
 C-NT2RP4000290//HYPOTHETICAL 116.5 KD PROTEIN C20G8.09C IN CHROMOSOME 1.//3.50E-297//1024aa//55%//P87115
 50 C-NT2RP4000312//ADENYLATE CYCLASE (EC 4.6.1.1) (ATP PYROPHOSPHATE-LYASE) (ADENYLYL CYCLASE).//1.50E-26//237aa//28%//Q01631
 C-NT2RP4000323//KERATIN, ULTRA HIGH-SULFUR MATRIX PROTEIN (UHS KERATIN).//3.00E-07//101aa//32%//P26372
 55 C-NT2RP4000367//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds.//0//4782bp//99%//AF044195
 C-NT2RP4000370//MITOCHONDRIAL PEPTIDE CHAIN RELEASE FACTOR 1 PRECURSOR (MRF-1).//2.60E-77//262aa//54%//O75570

- C-NT2RP4000376//Homo sapiens mRNA for phospholipase A2 activating protein.//0//2412bp//99%//AJ238243
 C-NT2RP4000398//ZINC FINGER PROTEIN 140.//2.90E-110//435aa//50%//P52738
 C-NT2RP4000415//Drosophila melanogaster fumble (fumble) mRNA, complete cds.//6.20E-19//902bp//57%//AF221546
- 5 C-NT2RP4000417//MANNOSYL-OLIGOSACCHARIDE ALPHA-1,2-MANNOSIDASE (EC 3.2.1.113)(MAN(9)-ALPHA-MANNOSIDASE)(FRAGMENT).//2.60E-51//438aa//33%//P45701
 C-NT2RP4000449//Homo sapiens sirtuin type 1 (SIRT1) mRNA, complete cds.//0//3143bp//99%//AF083106
 C-NT2RP4000455//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICP0.//3.00E-07//175aa//27%//P09309
 10 C-NT2RP4000457//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 15 (EC 3.1.2.15) (UBIQUITIN THI-OLESTERASE 15) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 15)(DEUBIQUITINATING ENZYME 15).//2.50E-37//291aa//38%//P50101
 C-NT2RP4000481//ATP-DEPENDENT RNA HELICASE DOB1 (MRNA TRANSPORT REGULATOR MTR4).//1.90E-67//721aa//29%//Q09475
 C-NT2RP4000498//MOB1 PROTEIN (MPS1 BINDER 1).//8.80E-50//214aa//50%//P40484
- 15 C-NT2RP4000518//ATP-DEPENDENT RNA HELICASE ROK1.//1.50E-106//495aa//45%//P45818
 C-NT2RP4000524//Mus musculus Sec8 mRNA, complete cds.//0//3131bp//87%//AF022962
 C-NT2RP4000528//NPL4 PROTEIN.//9.80E-86//515aa//37%//P33755
 C-NT2RP4000556//SUR4 PROTEIN (SRE1 PROTEIN).//7.40E-14//233aa//31%//P40319
 20 C-NT2RP4000614//Homo sapiens TLS-associated protein TASR-2 mRNA, complete cds.//2.90E-188//863bp//99%//AF067730
 C-NT2RP4000648//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICP0.//3.70E-07//175aa//27%//P09309
 C-NT2RP4000657//SPORE COAT POLYSACCHARIDE BIOSYNTHESIS PROTEIN SPSE.//1.10E-32//350aa//30%//P39625
 C-NT2RP4000713//HYPOTHETICAL 55.1 KD PROTEIN B0416.5 IN CHROMOSOME X.//1.10E-13//295aa//27%//Q11073
- 25 C-NT2RP4000724//RETROVIRUS-RELATED ENV POLYPROTEIN.//3.20E-191//199aa//78%//P10267
 C-NT2RP4000737//Mus musculus F-box protein FBL10 mRNA, partial cds.//4.60E-250//1462bp//84%//AF176524
 C-NT2RP4000781//HYPOTHETICAL 27.7 KD PROTEIN IN CPT1-SPC98 INTERGENIC REGION.//0.000000032//67aa//31%//P53915
- 30 C-NT2RP4000817//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//9.80E-11//503aa//23%//P08640
 C-NT2RP4000837//Homo sapiens mRNA for zinc finger protein SALL1.//4.30E-94//810bp//65%//Y18265
 C-NT2RP4000839//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//8.50E-21//271aa//28%//Q00808
 35 C-NT2RP4000855//AMINOPEPTIDASE B (EC 3.4.11.6) (ARGINYL AMINOPEPTIDASE)(ARGININE AMINOPEPTIDASE) (CYTOSOL AMINOPEPTIDASE IV) (AP-B).//5.70E-82//324aa//48%//O09175
 C-NT2RP4000865//ZINC FINGER PROTEIN ZFP-36 (FRAGMENT).//4.10E-85//174aa//55%//P16415
 C-NT2RP4000878//MYELOID UPREGULATED PROTEIN.//6.20E-91//173aa//87%//O35682
 C-NT2RP4000879//UBIQUITIN-ACTIVATING ENZYME EI (A1S9 PROTEIN).//9.60E-96//513aa//42%//P22314
 40 C-NT2RP4000907//Mouse NLRR-1 mRNA for leucine-rich-repeat protein, complete cds.//0//2127bp//86%//D45913
 C-NT2RP4000925//FIBROMODULIN PRECURSOR (FM) (COLLAGEN-BINDING 59 KD PROTEIN).//2.60E-26//227aa//36%//Q06828
 C-NT2RP4000927//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE DUB-1 (EC 3.1.2.15) (UBIQUITIN THI-OLESTERASE DUB-1) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE DUB-1) (DEUBIQUITINATING ENZYME 1).//1.50E-76//346aa//43%//Q61068
- 45 C-NT2RP4000928//Homo sapiens mRNA for CDS2 protein.//0//2487bp//99%//Y16521
 C-NT2RP4000929//PUTATIVE ATP-DEPENDENT RNA HEUCASE MJ1505.//1.40E-07//185aa//25%//Q58900
 C-NT2RP4000973//PROBABLE PROTEIN DISULFIDE ISOMERASE P5 PRECURSOR (EC 5.3.4.1).//1.40E-26//90aa//42%//P38660
- 50 C-NT2RP4000979//Homo sapiens putative HIV-1 infection related protein mRNA, partial cds.//2.30E-81//389bp//100%//AF094583
 C-NT2RP4000989//UNC-47 PROTEIN.//8.20E-06//173aa//25%//P34579
 C-NT2RP4000997//DNA-DIRECTED RNA POLYMERASE 1135 KD POLYPEPTIDE (EC 2.7.7.6) (RNA POLYMERASE I SUBUNIT 2) (RPA135).//0//838aa//87%//P70700
- 55 C-NT2RP4001004//VACUOLAR PROTEIN 8.//3.70E-16//401aa//26%//P39968
 C-NT2RP4001010//Rattus norvegicus PSD-95/SAP90-associated protein-4 mRNA, complete cds.//3.50E-257//1377bp//91%//U67140
 C-NT2RP4001029//Homo sapiens transcription factor LBP-1b (LBP-1) mRNA, complete cds.//0//2002bp//98%//

AF198487

C-NT2RP4001041//PROBABLE LEUCYL-TRNA SYNTHETASE (EC 6.1.1.4) (LEUCINE--TRNA LIGASE)//1.50E-92//443aa//44%//Q09996

C-NT2RP4001064//SYNAPTONEMAL COMPLEX PROTEIN SC65//6.70E-51//335aa//37%//Q64375

5 C-NT2RP4001079//CALCIUM-TRANSPORTING ATPASE 1 (EC 3.6.1.38) (GOLGI CA²⁺-ATPASE)//1.30E-123//563aa//46%//P13586

C-NT2RP4001080//Homo sapiens mRNA for Rod1, complete cds.//0//1439bp//99%//AB023967

C-NT2RP4001086//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT PROTEIN) (NF-H)//2.30E-07//474aa//22%//P12036

10 C-NT2RP4001095//DOUBLE-STRANDED RNA-SPECIFIC EDITASE 1 (EC 3.5.-.-) (DSRNA ADENOSINE DEAMINASE) (RNA EDITING ENZYME 1)//2.60E-17//121aa//36%//P51400

C-NT2RP4001117//PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT//1.90E-115//224aa//100%//P38378

C-NT2RP4001122//mPD PROTEIN//1.40E-65//253aa//41%//O15736

15 C-NT2RP4001126//TRICHOHYALIN//2.90E-18//380aa//26%//Q07283

C-NT2RP4001143//SUCCINYL-DIAMINOPIMELATE DESUCCINYLAASE (EC 3.5.1.18) (SDAP)//2.10E-07//93aa//33%//P44514

C-NT2RP4001148//SOF1 PROTEIN//1.30E-104//236aa//52%//P33750

20 C-NT2RP4001149//Homo sapiens cleft lip and palate transmembrane protein 1 (CLPTM1) mRNA, complete cds.//4.40E-187//731bp//100%//AF037339

C-NT2RP4001150//NG-CAM RELATED CELL ADHESION MOLECULE PRECURSOR (NR-CAM) (BRAVO)//3.40E-29//385aa//29%//P35331

C-NT2RP4001174//NON-GREEN PLASTID TRIOSE PHOSPHATE TRANSLOCATOR PRECURSOR (CTPT)//4.70E-29//227aa//35%//P52178

25 C-NT2RP4001206//Drosophila melanogaster strawberry notch (sno) mRNA, complete cds.//4.40E-104//1460bp//65%//U95760

C-NT2RP4001207//Homo sapiens Ran binding protein 11 mRNA, complete cds.//0//2940bp//99%//AF111109

C-NT2RP4001213//ZINC FINGER PROTEIN 184 (FRAGMENT)//5.70E-141//511aa//43%//Q99676

30 C-NT2RP4001219//PROBABLE PROTEIN DISULFIDE ISOMERASE P5 PRECURSOR (EC 5.3.4.1)//6.20E-27//90aa//42%//P38660

C-NT2RP4001228//RING CANAL PROTEIN (KELCH PROTEIN)//1.80E-103//508aa//43%//Q04652

C-NT2RP4001256//Homo sapiens mRNA for gamma tubulin ring complex protein (76p gene)//0//2006bp//100%//AJ249677

35 C-NT2RP4001260//Homo sapiens F-box protein Fbx21 (FBX21) mRNA, complete cds.//0//1866bp//100%//AF174601

C-NT2RP4001274//Human transporter protein (g17) mRNA, complete cds.//4.40E-58//1196bp//61%//U49082

C-NT2RP4001276//TRICHOHYALIN//7.90E-09//126aa//32%//Q07283

C-NT2RP4001313//MITOCHONDRIAL IMPORT RECEPTOR SUBUNIT TOM40 (MOM38 PROTEIN) (TRANSLOCASE OF OUTER MEMBRANE 40 KD SUBUNIT)//5.90E-17//296aa//29%//P24391

40 C-NT2RP4001315//Bos taurus mRNA for Rab5 GDP/GTP exchange factor, Rabex5//8.50E-213//1129bp//92%//AJ001119

C-NT2RP4001336//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT-LIKE PROTEIN//0.000016//186aa//29%//O24076

C-NT2RP4001339//Homo sapiens mRNA for AMMERC1 protein//9.20E-160//736bp//99%//AJ007014

45 C-NT2RP4001345//Homo sapiens mRNA for LCAT-like lysophospholipase (LLPL), complete cds.//2.7e-310//1400bp//100%//AB017494

C-NT2RP4001351//Human ovarian cancer downregulated myosin heavy chain homolog (Doc1) mRNA, complete cds.//1.40E-58//2425bp//59%//U53445

50 C-NT2RP4001372//IRREGULAR CHIASM C-ROUGHEST PROTEIN PRECURSOR (IRREC PROTEIN)//1.60E-19//222aa//30%//Q08180

C-NT2RP4001375//NON-RECEPTOR TYROSINE KINASE SPORE LYSIS A (EC 2.7.1.112) (TYROSINE- PROTEIN KINASE 1)//9.20E-17//146aa//35%//P18160

C-NT2RP4001379//HYPOTHETICAL 49.1 KD PROTEIN C11D3.06 IN CHROMOSOME I//2.00E-53//436aa//30%//Q10085

55 C-NT2RP4001389//KESIPROTEIN//1.70E-31//342aa//34%//P35844

C-NT2RP4001407//TRICHOHYALIN//1.90E-05//298aa//21%//P22793

C-NT2RP4001414//SEPTIN 2 HOMOLOG (FRAGMENT)//7.70E-190//422aa//82%//Q14141

C-NT2RP4001433//ZINC FINGER PROTEIN 184 (FRAGMENT)//1.20E-138//419aa//54%//Q99676

- C-NT2RP4001474//Xenopus laevis putative Zic3 binding protein mRNA, complete cds//2.70E-66//738bp//71%//AF129131
- C-NT2RP4001483//2-OXOGLUTARATE DEHYDROGENASE EI COMPONENT PRECURSOR (EC 1.2.4.2) (ALPHA-KETOGLUTARATE DEHYDROGENASE)//0//962aa//78%//Q02218
- 5 C-NT2RP4001498//ANKYRIN REPEAT-CONTAINING PROTEIN AKR1//1.00E-27//374aa//29%//P39010
- C-NT2RP4001529//Homo sapiens transcription factor LBP-1b (LBP-1) mRNA, complete cds//0//2002bp//98%//AF198487
- C-NT2RP4001547//HYPOTHETICAL 45.0 KD PROTEIN IN NOT1/CDC39-HMR INTERGENIC REGION//5.70E-54//242aa//38%//P25656
- 10 C-NT2RP4001551//Homo sapiens chromatin-specific transcription elongation factor FACT 140 kDa subunit mRNA, complete cds//0//3202bp//99%//AF152961
- C-NT2RP4001555//PUTATIVE ENDONUCLEASE VIII (EC 3.2.-.-)//4.70E-09//216aa//24%//P96902
- C-NT2RP4001567//ARMADILLO SEGMENT POLARITY PROTEIN//5.40E-07//213aa//26%//Q02453
- C-NT2RP4001568//ZINC FINGER PROTEIN GCS1//1.80E-10//109aa//36%//P35197
- 15 C-NT2RP4001574//COATOMER GAMMA SUBUNIT (GAMMA-COAT PROTEIN) (GAMMA-COP)//0//874aa//96%//P53620
- C-NT2RP4001575//Rattus norvegicus mRNA for ARE1 protein//0//1087bp//87%//AJ223830
- C-NT2RP4001592//ISOLEUCYL-TRNA SYNTHETASE (EC 6.1.1.5) (ISOLEUCINE-TRNA LIGASE) (ILERS)//1.70E-14//373aa//74%//P73505
- 20 C-NT2RP4001634//CENTROMERIC PROTEIN E (CENP-E PROTEIN)//2.80E-14//652aa//22%//Q02224
- C-NT2RP4001638//DNA REPAIR/TRANSCRIPTION PROTEIN MET18/MMS19//5.10E-46//234aa//32%//P40469
- C-NT2RP4001644//MYOSIN UGHT CHAIN KINASE (EC 2.7.1.117) (MLCK)//6.40E-19//111aa//45%//P25323
- C-NT2RP4001656//VACUOLAR BIOGENESIS PROTEIN END1 (PEP5 PROTEIN)//1.10E-45//310aa//27%//P12868
- 25 C-NT2RP4001696//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100 KD SUBUNIT)//4.00E-10//243aa//25%//Q10568
- C-NT2RP4001725//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT//3.00E-10//128aa//32%//Q10282
- 30 C-NT2RP4001730//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-) (DUGT)//6.40E-170//1168aa//33%//Q09332
- C-NT2RP4001753//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2)//3.90E-236//665aa//58%//P51523
- C-NT2RP4001760//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/RAC GEF) (FACIOGENITAL DYSPLASIA PROTEIN)//4.10E-16//263aa//27%//P98174
- 35 C-NT2RP4001790//Homo sapiens zinc finger protein ZFP-95 (ZFP95) mRNA, alternatively spliced, complete cds//0//3053bp//99%//AF170025
- C-NT2RP4001822//PLATELET-ENDOTHELIAL TETRASPAN ANTIGEN 3 (PETA-3) (GP27) (MEMBRANE GLYCOPROTEIN SFA-1) (CD151 ANTIGEN)//1.20E-30//241aa//30%//O35566
- 40 C-NT2RP4001823//MICROFIBRIL-ASSOCIATED GLYCOPROTEIN 4//1.10E-19//77aa//54%//P55083
- C-NT2RP4001838//Homo sapiens CoREST protein (COREST) mRNA, complete cds//6.30E-99//555bp//73%//AF155595
- C-NT2RP4001849//SH3-BINDING PROTEIN 3BP-1//1.40E-85//489aa//43%//P55194
- C-NT2RP4001861//HTUCHOHYALIN//1.00E-35//307aa//34%//P37709
- 45 C-NT2RP4001896//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1//1.40E-08//345aa//25%//Q00808
- C-NT2RP4001927//MICROTUBULE-ASSOCIATED PROTEIN YTM1//1.30E-38//258aa//32%//Q12024
- C-NT2RP4001938//TRANSCRIPTIONAL REPRESSOR CTCF//9.80E-60//303aa//38%//P49711
- C-NT2RP4001946//PROTEIN-L-ISOASPARTATE O-METHYLTRANSFERASE (EC 2.1.1.77) (PROTEIN- BETA-ASPARTATE METHYLTRANSFERASE) (PIMT) (PROTEIN L-ISOASPARTYL METHYLTRANSFERASE) (L-ISO-ASPARTYL PROTEIN CARBOXYL METHYLTRANSFERASE)//1.50E-13//211aa//28%//Q43209
- 50 C-NT2RP4001950//GLUTAMIC ACID-RICH PROTEIN PRECURSOR//1.20E-13//356aa//27%//P13816
- C-NT2RP4001966//Mus musculus ODZ3 (Odz3) mRNA, partial cds//0//3203bp//87%//AF195418
- C-NT2RP4001975//Homo sapiens golgi membrane protein GP73 mRNA, complete cds//0//3024bp//99%//AF236056
- 55 C-NT2RP4002018//RING CANAL PROTEIN (KELCH PROTEIN)//6.90E-24//370aa//27%//Q04652
- C-NT2RP4002047//GTP-BINDING PROTEIN LEPA//1.50E-168//601aa//52%//O67618
- C-NT2RP4002058//PUTATIVE PRE-MRNA SPLICING FACTOR RNA HELICASE (DEAH BOX PROTEIN 13)//1.00E-137//679aa//40%//O43143

- C-NT2RP4002078//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//3.00E-150//722aa//39%//Q05481
- C-NT2RP4002081//TRANSCRIPTION INITIATION FACTOR IIA ALPHA AND BETA CHAINS (TFIIA P35 AND PI 9 SUBUNITS) (TFIIA-42) (TFIIAL).//6.70E-06//250aa//31%//P52655
- 5 C-NT2RP4002408//PROTEIN KINASE CEK1 (EC 2.7.1.-).//1.50E-63//159aa//53%//P38938
- C-NT2RP4002791//NUCLEOPROTEIN TPR.//6.50E-05//659aa//23%//P12270
- C-NT2RP5003461//RLR1 PROTEIN.//9.70E-22//177aa//27%//P53552
- C-NT2RP5003477//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//5.50E-15//280aa//27%//Q00808
- 10 C-NT2RP5003500//Mus musculus mRNA for heparan sulfate 6-sulfotransferase 2, complete cds.//1.30E-237//820bp//87%//AB024565
- C-NT2RP5003506//Homo sapiens putative G protein-coupled receptor (RAIG1) mRNA, complete cds.//0//2289bp//99%//AF095448
- C-NT2RP5003522//NADPH-CYTOCHROME P450 REDUCTASE (EC 1.6.2.4) (CPR).//3.30E-23//219aa//40%//P37116
- 15 C-OVARC1000001//Homo sapiens mRNA for actin binding protein ABP620, complete cds.//7.00E-217//683bp//99%//AB029290
- C-OVARC1000006//HISTONE H2A.1.//1.10E-55//117aa//99%//P02262
- C-OVARC1000013//APOPTOTIC PROTEASE ACTIVATING FACTOR 1 (APAF-1).//4.20E-06//102aa//32%//O14727
- 20 C-OVARC1000014//Homo sapiens GLE1 (GLE1) mRNA, complete cds.//2.60E-295//1393bp//97%//AF058922
- C-OVARC1000060//EXTRACELLULAR RIBONUCLEASE LE PRECURSOR (EC 3.1.27.1) (RNASE LE).//3.20E-07//60aa//45 %//P80022
- C-OVARC1000071//Homo sapiens NTF2-related export protein NXT1 (NXT1) mRNA, complete cds.//1.50E-47//727bp//67%//AF156957
- 25 C-OVARC1000085//Human mRNA for proteasome subunit HC5.//1.00E-151//699bp//100%//D00761
- C-OVARC1000087//HISTONE MACRO-H2A.1.//1.60E-12//174aa//26%//Q02874
- C-OVARC1000091//HOST CELL FACTOR C1 (HCF) (VP16 ACCESSORY PROTEIN) (HFC1) (VCAF) (CFF).//8.40E-14//259aa//30%//P51610
- C-OVARC1000106//TROPOMYOSIN 1, FUSION PROTEIN 33.//0.000032//165aa//27%//P49455
- 30 C-OVARC1000139//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 4 (EC 3.1.2.15) (UBIQUITIN THI-OLESTERASE 4) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 4) (DEUBIQUITINATING ENZYME 4) (UBIQUITOUS NUCLEAR PROTEIN HOMOLOG).//2.70E-12//120aa//32%//Q13107
- C-OVARC1000151//Homo sapiens partial mRNA for putative protein p38 interacting with transcription factor Spl.//2.50E-95//461bp//98%//AJ242975
- 35 C-OVARC1000209//Oryza sativa submergence induced protein 2A mRNA, complete cds.//1.80E-32//511bp//65%//AF068332
- C-OVARC1000241//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT INTERACTING PROTEIN) (MEMBER OF PAS PROTEIN 1) (MOP1) (HIF1 ALPHA).//8.20E-120//351aa//54%//Q16665
- C-OVARC1000288//VACUOLAR AMINOPEPTIDASE I PRECURSOR (EC 3.4.11.22) (POLYPEPTIDASE)(LEUCINE AMINOPEPTIDASE IV) (LAPIV) (AMINOPEPTIDASE III)(AMINOPEPTIDASE YSCI).//5.40E-53//384aa//30%//P14904
- 40 C-OVARC1000304//PROTEIN MOV-10.//1.10E-249//519aa//87%//P23249
- C-OVARC1000309//THREONINE SYNTHASE (EC 4.2.99.2).//2.70E-40//154aa//38%//P29363
- C-OVARC1000326//Rattus norvegicus lamina-associated polypeptide 1C (LAP1C) mRNA, complete cds.//9.20E-148//787bp//76%//U19614
- 45 C-OVARC1000335//HYPOTHETICAL 39.3 KD PROTEIN IN GCN4-WBP1 INTERGENIC REGION.//5.90E-14//200aa//27%//P40004
- C-OVARC1000437//TENSIN.//7.90E-181//340aa//84%//Q04205
- C-OVARC1000465//PROTEIN TRANSPORT PROTEIN SEC7.//1.20E-25//227aa//25%//P11075
- 50 C-OVARC1000473//DUAL SPECIFICITY PROTEIN PHOSPHATASE 3 (EC 3.1.3.48) (EC 3.1.3.16) (DUAL SPECIFICITY PROTEIN PHOSPHATASE VHR).//3.10E-10//125aa//35%//P51452
- C-OVARC1000479//Rattus norvegicus mRNA for TIP120, complete cds.//0//1872bp//89%//D87671
- C-OVARC1000520//Homo sapiens supervillin mRNA, complete cds.//2.20E-157//892bp//91%//AF051850
- C-OVARC1000556//RIBOSOMAL PROTEIN S6 KINASE II ALPHA 2 (EC 2.7.1.-) (S6KII-ALPHA 2) (P90-RSK 2) (RIBOSOMAL S6 KINASE 3) (RSK3) (PP90RSK3).//3.30E-67//132aa//95%//Q15349
- 55 C-OVARC1000564//Homo sapiens sorting nexin 5 (SNX5) mRNA, complete cds.//1.0E-310//1440bp//98%//AF121855
- C-OVARC1000649//Human squamous cell carcinoma of esophagus mRNA for GRB-7 SH2 domain protein, com-

- plete cds.//0//1812bp//98%//D43772
 C-OVARC1000679//Homo sapiens myosin-IXa mRNA, complete cds.//0//808bp//99%//AF117888
 C-OVARC1000682//PROCESSING ALPHA-1,2-MANNOSIDASE (EC 3.2.1.-) (ALPHA-1,2-MANNOSIDASE 1B).//
 1.10E-209//293aa//95%//P39098
 5 C-OVARC1000722//Homo sapiens chromosome 1q21-q23 beta-1,4-galactosyltransferase mRNA, complete
 cds.//0//759bp//98%//AF038661
 C-OVARC1000746//MATERNAL EFFECT PROTEIN STAUFEN.//0.000000017//78aa//48%//P25159
 C-OVARC1000751//PROBABLE PROTEIN PHOSPHATASE 2C T23F11.1 (EC 3.1.3.16) (PP2C).//5.60E-11//
 74aa//37%//P49596
 10 C-OVARC1000771//RAS-RELATED PROTEIN RAB-2.//1.10E-46//121aa//79%//P08886
 C-OVARC1000800//MITOCHONDRIAL STRESS-70 PROTEIN PRECURSOR (75 KD GLUCOSE REGULATED
 PROTEIN) (GRP 75).//3.90E-46//78aa//98%//O35501
 C-OVARC1000834//Homo sapiens mRNA for atopy related autoantigen CALC.//2.80E-258//1183bp//99%//Y17711
 C-OVARC1000846//NUCLEOLIN (PROTEIN C23).//0.0000097//109aa//30%//P08199
 15 C-OVARC1000850//Homo sapiens PB39 mRNA, complete cds.//0//2095bp//99%//AF045584
 C-OVARC1000862//M.musculus mRNA for FT1.//5.90E-226//1498bp//81%//Z67963
 C-OVARC1000876//MOB1 PROTEIN (MPS1 BINDER 1).//2.20E-50//206aa//52%//P40484
 C-OVARC1000885//OXIDOREDUCTASE UCPA (EC 1.-.-.-).//1.30E-32//170aa//34%//P37440
 C-OVARC1000915//Homo sapiens histone deacetylase 5 mRNA, complete cds.//1.60E-121//591bp//97%//
 20 AF132608
 C-OVARC1000936//COAT PROTEIN GP37 (ENV PROTEIN GP37).//0.0000054//135aa//28%//P03398
 C-OVARC1000937//S-PHASE ENTRY CYCLIN 6.//4.90E-10//61aabbp//49%//P32943
 C-OVARC1000945//Rattus norvegicus mRNA for atypical PKC specific binding protein, complete cds.//0//1961bp//
 82%//AB005549
 25 C-OVARC1000959//HYPOTHETICAL PROTEIN MJ0933.//1.20E-17//127aa//33%//Q58343
 C-OVARC1000999//ANKYRIN HOMOLOG PRECURSOR.//4.10E-11//189aa//32%//Q06527
 C-OVARC1001034//Mus musculus Fn54 mRNA, partial cds.//1.50E-178//1113bp//86%//AF001533
 C-OVARC1001038//Homo sapiens mRNA for Ariadne-2 protein.//0//1172bp//97%//AJ130978
 C-OVARC1001051//EPIDERMAL GROWTH FACTOR RECEPTOR SUBSTRATE SUBSTRATE 15 (PROTEIN
 30 EPS15) (AF-1P PROTEIN).//1.10E-08//216aa//23%//P42566
 C-OVARC1001055//PRE-B CELL ENHANCING FACTOR PRECURSORS.//1.90E-35//76aa//98%//P43490
 C-OVARC1001065//Homo sapiens CGI-12 protein mRNA, complete cds.//1.00E-215//1027bp//98%//AF132946
 C-OVARC1001068//Homo sapiens Era GTPase A protein (HERA-A) mRNA, partial cds.//0//1819bp//99%//
 AF082657
 35 C-OVARC1001092//Homo sapiens mRNA for JM5 protein, complete CDS (clone IMAGE 53337,
 LLNLc110F1857Q7 (RZPD Berlin) and LLNLc110G0913Q7 (RZPD Berlin)).//2.00E-214//769bp//97%//AJ005897
 C-OVARC1001107//Homo sapiens protein methyltransferase (JBP1) mRNA, complete cds.//6.10E-276//594bp//
 98%//AF167572
 C-OVARC1001113//Homo sapiens diaphanous 1 (HDIA1) mRNA, complete cds.//5.1e-310//1588bp//93%//
 40 AF051782
 C-OVARC1001154//Homo sapiens clone 24720 epithelin 1 and 2 mRNA, complete cds.//2.30E-296//1561bp//
 93%//AF055008
 C-OVARC1001171//Homo sapiens translation initiation factor 3 47 kDa subunit mRNA, complete cds.//5.70E-151//
 436bp//92%//U94855
 45 C-OVARC1001180//UBIQUITIN-LIKE PROTEIN DSK2.//1.10E-11//221aa//25%//P48510
 C-OVARC1001200//Mus musculus mRNA for HS1 binding protein 3.//5.80E-88//658bp//80%//AJ132192
 C-OVARC1001232//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF
 100 KD SUBUNIT).//5.10E-22//83aa//37%//Q10568
 C-OVARC1001244//H.sapiens mRNA for Drosophila female sterile homeotic (FSH) homologue.//0//1467bp//99%//
 50 X62083
 C-OVARC1001271//NUCLEOLAR TRANSCRIPTION FACTOR 1 (UPSTREAM BINDING FACTOR 1) (UBF-1).//
 0.0000014//224aa//26%//P25976
 C-OVARC1001306//N-MYC PROTO-ONCOGENE PROTEIN.//0.00000073//247aa//27%//P18444
 C-OVARC1001342//40S RIBOSOMAL PROTEIN S8.//1.40E-110//207aa//99%//P09058
 55 C-OVARC1001372//Homo sapiens liprin-alpha4 mRNA, partial cds.//2.00E-252//1146bp//99%//AF034801
 C-OVARC1001381//Homo sapiens mRNA for candidate tumor suppressor involved in B-CLL.//6.00E-148//683bp//
 99%//AJ224819
 C-OVARC1001417//Homo sapiens thyroid hormone receptor-associated protein complex component TRAP170

mRNA, complete cds.//0//1715bp//99%//AF135802
 C-OVARC1001419//Homo sapiens GOK (STIM1) mRNA, complete cds.//4.90E-48//586bp//69%//U52426
 C-OVARC1001436//ENL PROTEIN.//0.00000009//81aa//39%//Q03111
 C-OVARC1001476//Mus musculus YGR163w mRNA homologue, complete cds.//1.80E-187//510bp//89%//
 5 AB017616
 C-OVARC1001496//Homo sapiens C-terminal binding protein 2 mRNA, complete cds.//0//1876bp//98%//
 AF016507
 C-OVARC1001506//POLYCYSTIN PRECURSOR (AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE
 PROTEIN 1).//0//777aa//91%//P98161
 10 C-OVARC1001555//NGG1-INTERACTING FACTOR 3.//4.40E-19//130aa//40%//P53081
 C-OVARC1001577//Homo sapiens SRp46 splicing factor transcribed retropseudogene.//0//1167bp//100%//
 AF031165
 C-OVARC1001610//Homo sapiens choline/ethanolaminephosphotransferase (CEPT1) mRNA, complete cds.//0//
 1870bp//99%//AF068302
 15 C-OVARC1001703//Mus musculus ARL-6 interacting protein-2 (Aip-2) mRNA, complete cds.//3.50E-16//399bp//
 61%//AF133670
 C-OVARC1001711//CORNIFIN B (SMALL PROLINE-RICH PROTEIN 1B) (SPR1B) (SPR1 B).//2.80E-10//106aa//
 38%//Q62267
 C-OVARC1001713//ENDOZEPINE-RELATED PROTEIN PRECURSOR (MEMBRANE-ASSOCIATED DI-
 20 AZEPAM BINDING INHIBITOR) (MA-DBI).//4.40E-40//195aa//41%//P07106
 C-OVARC1001726//APICAL-LIKE PROTEIN (APXL PROTEIN).//4.30E-16//116aa//43%//Q13796
 C-OVARC1001731//TROPOMYOSIN ALPHA CHAIN, FIBROBLAST ISOFORM F2.//4.00E-122//282aa//85%//
 P08942
 C-OVARC1001762//N-TERMINAL ACETYLTRANSFERASE 1 (EC 2.3.1.88) (AMINO-TERMINAL, ALPHA- AMI-
 25 NO, ACETYLTRANSFERASE 1).//6.40E-85//514aa//34%//P12945
 C-OVARC1001766//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds.//
 0//963bp//99%//U97670
 C-OVARC1001809//Mus musculus sphingosine kinase (SPHK1a) mRNA, partial cds.//2.70E-190//1624bp//76%//
 AF068748
 30 C-OVARC1001942//N-TERMINAL ACETYLTRANSFERASE 1 (EC 2.3.1.88) (AMINO-TERMINAL, ALPHA- AMI-
 NO, ACETYLTRANSFERASE 1).//3.10E-81//497aa//35%//P12945
 C-OVARC1001943//Mus musculus DEBT-91 mRNA, complete cds.//0//2035bp//87%//AF143859
 C-OVARC1001987//Homo sapiens prolactin regulatory element-binding protein (PREB) mRNA, complete cds.//
 0//1083bp//99%//AF203687
 35 C-OVARC1002050//Homo sapiens mRNA for actin binding protein ABP620, complete cds.//0//1019bp//99%//
 AB029290
 C-OVARC1002112//HISTONE MACRO-H2A.1.//3.00E-174//371aa//90%//Q02874
 C-OVARC1002127//SODIUM-INDEPENDENT ORGANIC ANION TRANSPORTER 2 (BRAIN DIGOXIN CARRI-
 ER PROTEIN) (BRAIN-SPECIFIC ORGANIC ANION TRANSPORTER) (OATP-B1).//5.40E-52//306aa//35%//
 40 O35913
 C-OVARC100213 8//SAP1 PROTEIN.//7.60E-60//128aa//59%//P39955
 C-OVARC1002156//Danio rerio uridine kinase mRNA, complete cds.//6.00E-16//262bp//64%//AF195851
 C-OVARC1002165//3-OXO-5-ALPHA-STEROID 4-DEHYDROGENASE 2 (EC 1.3.99.5) (STEROID 5-ALPHA-
 REDUCTASE 2) (SR TYPE 2).//7.60E-08//114aa//37%//P31213
 45 C-OVARC1002182//BETA-TRCP (BETA-TRANSDUCIN REPEAT-CONTAINING PROTEIN) (BTRCP).//1.70E-
 09//207aa//30%//Q91854
 C-PLACE1000004//Homo sapiens IDN3-B mRNA, complete cds.//0//2365bp//99%//AB019602
 C-PLACE1000007//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE R10E11.3 (EC 3.1.2.15)
 (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE) (DEUBIQUITINATING EN-
 50 ZYME).//1.60E-81//212aa//70%//P34547
 C-PLACE1000040//TRANSFORMING PROTEIN P21/K-RAS 2B.//1.40E-17//185aa//32%//P08643
 C-PLACE1000061//Human ribosomal protein L37a mRNA sequence.//7.90E-54//190bp//94%//L22154
 C-PLACE1000066//SSU72 PROTEIN.//1.10E-39//206aa//43%//P53538
 C-PLACE1000081//Human SEC7 homolog Tic (TIC) mRNA, complete cds.//0//2077bp//99%//U63127
 55 C-PLACE1000133//TRANSCRIPTION FACTOR BTF3 (RNA POLYMERASE B TRANSCRIPTION FACTOR 3).//
 1.80E-62//158aa//81%//P20290
 C-PLACE1000142//3-HYDROXYBUTYRYL-COA DEHYDRATASE (EC 4.2.1.55) (CROTONASE).//2.80E-29//
 134aa//43%//P52046

C-PLACE1000184//Homo sapiens estrogen-related receptor gamma mRNA, complete cds.//1.30E-305//1417bp//98%//AF058291
 C-PLACE1000185//Homo sapiens mRNA for N-Acetylglucosamine kinase.//4.90E-258//1183bp//99%//AJ242910
 C-PLACE1000213//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA-GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//4.50E-05//197aa//26%//P08640
 5 C-PLACE1000383//Homo sapiens mRNA for MTMR1 protein.//0//753bp//99%//AJ224979
 C-PLACE1000401//POLIOVIRUS RECEPTOR PRECURSOR (CD155 ANTIGEN).//2.70E-30//352aa//31%//P15151
 C-PLACE1000406//PTB-ASSOCIATED SPLICING FACTOR (PSF).//1.20E-132//334aa//72%//P23246
 10 C-PLACE1000420//7,8-DIHYDRO-8-OXOGUANINE TRIPHOSPHATASE (EC 3.1.6.-) (8-OXO-DGTPASE).//2.80E-06//134aa//29%//P53368
 C-PLACE1000492//Rat vacuolar protein sorting homolog r-vps33b mRNA, complete cds.//0//2041bp//87%//U35245
 C-PLACE1000547//Homo sapiens GDP-mannose pyrophosphorylase B (GMPPB) mRNA, complete cds.//3.70E-241//1124bp//98%//AF135421
 15 C-PLACE1000583//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//1.60E-47//207aa//46%//P51522
 C-PLACE1000588//INTERFERON-INDUCED GUANYLATE-BINDING PROTEIN 1 (GUANINE NUCLEOTIDE-BINDING PROTEIN 1).//1.60E-270//437aa//86%//P32455
 20 C-PLACE1000596//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//0//1540bp//99%//AJ012449
 C-PLACE1000610//MSN5 PROTEIN.//0.0000026//136aa//26%//P52918
 C-PLACE1000611//Rattus norvegicus neural membrane protein 35 mRNA, complete cds.//2.00E-55//779bp//67%//AF044201
 C-PLACE1000636//MALE STERILITY PROTEIN 2.//1.20E-39//261aa//27%//Q08891
 25 C-PLACE1000653//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds.//0//1992bp//99%//AF180371
 C-PLACE1000656//Homo sapiens mRNA for JM4 protein, complete CDS (clone IMAGE 546750 and LLNLC110F1857Q7 (RZPD Berlin)).//2.10E-277//1260bp//99%//AJ005896
 C-PLACE1000706//Homo sapiens transcriptional intermediary factor 1 gamma mRNA, complete cds.//0//1366bp//99%//AF119043
 30 C-PLACE1000755//Homo sapiens mRNA for Helicase-MOI, complete cds.//4.60E-250//1189bp//97%//AB028449
 C-PLACE1000769//Homo sapiens CGI-18 protein mRNA, complete cds.//0//1985bp//98%//AF132952
 C-PLACE1000786//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/RAC GEF) (FACIOGENITAL DYSPLASIA PROTEIN HOMOLOG).//7.10E-09//59aa//47%//P52734
 35 C-PLACE1000793//NEUROGENIC PROTEIN BIG BRAIN.//1.70E-07//251aa//24%//P23645
 C-PLACE1000863//PUTATIVE MITOCHONDRIAL 40S RIBOSOMAL PROTEIN YHR148W.//2.50E-49//181aa//54%//P32899
 C-PLACE1000909//ANKYRIN REPEAT-CONTAINING PROTEIN AKR1.//2.60E-19//404aa//26%//P39010
 C-PLACE1000977//BETA-CHIMAERIN (BETA-CHIMERIN).//4.40E-22//129aa//35%//Q03070
 40 C-PLACE1000979//ZINC FINGER PROTEIN 135.//2.50E-153//326aa//64%//P52742
 C-PLACE1000987//Rattus norvegicus late gestation lung 2 protein (Lgl2) mRNA, complete cds.//5.90E-278//1476bp//92%//AF110195
 C-PLACE1001036//Homo sapiens mRNA for alpha integrin binding protein 63, partial.//0//1988bp//99%//AJ131721
 C-PLACE1001054//Homo sapiens mRNA for RuvB-like DNA helicase TIP49b, complete cds.//4.00E-300//1355bp//100%//AB024301
 45 C-PLACE1001062//Homo sapiens mRNA for lysine-ketoglutarate reductase/saccharopine dehydrogenase, partial CDS.//1.60E-207//742bp//99%//AJ007714
 C-PLACE1001092//Homo sapiens sorting nexin 4 mRNA, complete cds.//0//1500bp//99%//AF065485
 C-PLACE1001104//MYOSIN HEAVY CHAIN, NON-MUSCLE (ZIPPER PROTEIN) (MYOSIN II).//6.80E-18//529aa//23%//Q99323
 50 C-PLACE1001118//ZINC FINGER PROTEIN 135.//5.40E-147//443aa//57%//P52742
 C-PLACE1001171//MYOTUBULARIN.//7.10E-84//198aa//73%//Q13496
 C-PLACE1001238//Mouse mRNA for RNA polymerase I associated factor (PAF53), complete cds.//2.00E-202//1333bp//80%//D14336
 55 C-PLACE1001257//RING CANAL PROTEIN (KELCH PROTEIN).//4.30E-54//257aa//46%//Q04652
 C-PLACE1001294//Mus musculus XY body protein (Xybp) mRNA, complete cds.//6.20E-223//1092bp//78%//AF120207
 C-PLACE1001304//Homo sapiens C2H2 (Kruppel-type) zinc finger protein mRNA, complete cds.//0//2145bp//

99%//AF159567
 C-PLACE1001377//Homo sapiens ADAM10 (ADAM10) mRNA, complete cds.//5.90E-228//827bp//99%//AF009615
 C-PLACE1001383//ZINC-FINGER PROTEIN UBI-D4 (APOPTOSIS RESPONSE ZINC FINGER PROTEIN REQ-UIEM).//3.00E-33//138aa//42%//Q61103
 5 C-PLACE1001387//EPIDERMAL GROWTH FACTOR RECEPTOR KINASE SUBSTRATE EPS8.//2.30E-61//132aa//46%//Q12929
 C-PLACE1001517//Homo sapiens gene for glycosylphosphatidylinositol anchor attachment 1 (GPAA1), complete cds.//4.60E-112//392bp//87%//AB002137
 10 C-PLACE1001602//CCR4-ASSOCIATED FACTOR 1 (CAF1).//5.70E-130//244aa//99%//Q60809
 C-PLACE1001632//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.40E-118//429aa//48%//P51523
 C-PLACE1001672//PROBABLE AMINOTRANSFERASE T01B11.2 (EC 2.6.1.-).//4.30E-66//174aa//45%//P91408
 C-PLACE1001692//S-ACYL FATTY ACID SYNTHASE THIOESTERASE, MEDIUM CHAIN (EC 3.1.2.14) (THIOESTERASE II).//4.00E-81//263aa//56%//P08635
 15 C-PLACE1001739//PUTATIVE ATP-DEPENDENT RNA HEUCASE PL10.//3.50E-75//439aa//41%//P16381
 C-PLACE1001748//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds.//0//2602bp//99%//AF061243
 C-PLACE1001771//Homo sapiens mRNA for transient receptor potential protein TRP6.//0//2900bp//99%//AJ006276
 20 C-PLACE1001781//PROBABLE PHOSPHOMANNOMUTASE (EC 5.4.2.8) (PMM).//5.40E-63//427aa//35%//Q57290
 C-PLACE1001817//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS) mRNA, partial cds.//0//1995bp//99%//AF058953
 C-PLACE1001845//Mus musculus cyclin ania-6a mRNA, complete cds.//3.30E-31//925bp//62%//AF159159
 25 C-PLACE1001869//L-RIBULOKINASE (EC 2.7.1.16).//2.00E-27//270aa//31%//P94524
 C-PLACE1001920//Homo sapiens MDC-3.13 isoform 2 mRNA, complete cds.//0//1729bp//99%//AF099935
 C-PLACE1001983//HYPOTHETICAL 46.4 KD PROTEIN IN FFH-GRPE INTERGENIC REGION.//7.50E-16//319aa//26%//P37908
 C-PLACE1001989//PUTATIVE AMIDASE (EC 3.5.1.4).//1.40E-78//496aa//37%//Q49091
 30 C-PLACE1002046//UGATIN (FRAGMENT).//1.70E-240//560aa//80%//Q61211
 C-PLACE1002073//ADENYLATE CYCLASE (EC 4.6.1.1) (ATP PYROPHOSPHATE-LYASE) (ADENYLYL CYCLASE).//5.30E-07//188aa//29%//P49606
 C-PLACE1002090//SIGNAL RECOGNITION PARTICLE 72 KD PROTEIN (SRP72).//6.50E-58//112aa//100%//O76094
 35 C-PLACE1002140//Rattus norvegicus apelin mRNA, complete cds.//1.40E-43//425bp//74%//AF179679
 C-PLACE1002171//TRANSCRIPTION REGULATORY PROTEIN SWI3 (SWI/SNF COMPLEX COMPONENT SWI3) (TRANSCRIPTION FACTOR TYE2).//0.00005//179aa//23%//P32591
 C-PLACE1002395//Mus musculus mRNA for UBE-1c1, UBE-1c2, UBE-1c3, complete cds.//7.90E-100//966bp//75%//AB030505
 40 C-PLACE1002433//CHROMOSOME ASSEMBLY PROTEIN XCAP-E.//5.10E-05//278aa//24%//P50533
 C-PLACE1002437//ATP-BINDING CASSETTE TRANSPORTER 1.//4.50E-76//180aa//83%//P41233
 C-PLACE1002438//ZINC FINGER PROTEIN 151 (MIZ-1 PROTEIN).//4.20E-06//133aa//29%//Q13105
 C-PLACE1002450//Human zinc finger protein mRNA, complete cds.//0//2565bp//99%//U69274
 C-PLACE1002474//Mus musculus matrilin-2 precursor mRNA, complete cds.//0//2092bp//84%//U69262
 45 C-PLACE1002493//Homo sapiens signal transducing adaptor molecule 2A (STAM2) mRNA, complete cds.//1.70E-113//545bp//98%//AF042273
 C-PLACE1002500//Rattus norvegicus zinc transporter (ZnT-2) mRNA, complete cds.//2.90E-58//465bp//80%//U50927
 C-PLACE1002532//HOMEBOX PROTEIN DLX-5.//1.20E-152//289aa//96%//P70396
 50 C-PLACE1002571//ACTIN-LIKE PROTEIN 13E.//5.00E-99//386aa//48%//P45890
 C-PLACE1002583//GLUTAMATE RECEPTOR, IONOTROPIC KAINATE 2 PRECURSOR (GLUTAMATE RECEPTOR 6) (GLUR-6) (GLUTAMATE RECEPTOR BETA-2) (GLUR BETA-2) (FRAGMENT).//5.60E-34//76aa//98%//P39087
 C-PLACE1002591//CORONIN-UKE PROTEIN P57.//4.40E-70//208aa//66%//P31146
 55 C-PLACE1002598//OLIGORIBONUCLEASE (EC 3.1.-.-).//5.50E-17//76aa//56%//P45340
 C-PLACE1002655//ADSEVERIN (SCINDERIN) (SC).//2.50E-278//543aa//92%//Q28046
 C-PLACE1002665//Mus musculus enhancer of polycomb (Epc1) mRNA, complete cds.//0//2462bp//89%//AF079765

- C-PLACE1002685//Homo sapiens B cell linker protein BLNK mRNA, alternatively spliced, complete cds.//0//1750bp//99%//AF068180
- C-PLACE1002714//MYOSIN HEAVY CHAIN, NON-MUSCLE (ZIPPER PROTEIN) (MYOSIN II).//9.40E-13//500aa//21%//Q99323
- 5 C-PLACE1002722//PROBABLE G PROTEIN-COUPLED RECEPTOR KIAA0001.//9.00E-45//305aa//33%//Q15391
- C-PLACE1002775//PEREGRIN (BR140 PROTEIN).//3.80E-13//272aa//28%//P55201
- C-PLACE1002782//Rattus norvegicus zinc transporter (ZnT-2) mRNA, complete cds.//3.80E-43//385bp//77%//U50927
- 10 C-PLACE1002816//HISTONE DEACETYLASE HDA1.//2.20E-48//217aa//46%//P53973
- C-PLACE1002834//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//5.50E-203//396aa//86%//P51522
- C-PLACE1002908//Homo sapiens XGalT-1 mRNA for galactosyltransferase I, complete cds.//0//1654bp//99%//AB028600
- 15 C-PLACE1002991//PUTATIVE AMIDASE (EC 3.5.1.4).//1.40E-78//496aa//37%//Q49091
- C-PLACE1003030//Homo sapiens snRNA activating protein complex 190kD subunit (SNAP190) mRNA, complete cds.//8.50E-44//225bp//100%//AF032387
- C-PLACE1003045//POLYCYSTIN 2 (AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE TYPE II PROTEIN) (POLYCYSTWIN) (R48321).//1.70E-05//150aa//24%//Q13563
- 20 C-PLACE1003100//HEP27 PROTEIN (PROTEIN D).//2.60E-79//253aa//60%//Q13268
- C-PLACE1003174//UBIQUITIN-CONJUGATING ENZYME E2-18 KD (EC 6.3.2.19) (UBIQUITIN- PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (PM42).//3.80E-37//143aa//51%//P42743
- C-PLACE1003176//Homo sapiens clone pHN1868 tyrosyl-DNA phosphodiesterase protein (TDP1) mRNA, partial cds.//1.70E-148//687bp//99%//AF182003
- 25 C-PLACE1003190//SOF1 PROTEIN.//1.90E-110//325aa//48%//P33750
- C-PLACE1003238//PROBABLE G PROTEIN-COUPLED RECEPTOR KIAA0001.//4.90E-76//309aa//47%//Q15391
- C-PLACE1003258//EARLY EMBRYOGENESIS ZYG-11 PROTEIN.//7.90E-22//70aa//47%//P21541
- 30 C-PLACE1003302//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//6.90E-206//396aa//86%//P51522
- C-PLACE10033537//Homo sapiens breast cancer antiestrogen resistance 3 protein (BCAR3) mRNA, complete cds.//0//2435bp//99%//U92715
- C-PLACE1003366//Homo sapiens otoferlin (OTOF) mRNA, complete cds.//1.40E-78//542bp//67%//AF107403
- 35 C-PLACE1003394//Homo sapiens RAB14 protein (RAB14) mRNA, complete cds.//2.60E-139//648bp//99%//AF152463
- C-PLACE1003420//PUTATIVE MITOCHONDRIAL CARRIER YIL006W.//1.30E-40//278aa//36%//P40556
- C-PLACE1003493//ENDOTHELIAL CELL MULTIMERIN PRECURSOR.//1.70E-23//322aa//26%//Q13201
- C-PLACE1003519//H.sapiens hnRNP-E2 mRNA.//5.10E-218//905bp//99%//X78136
- 40 C-PLACE1003521//HYPOTHETICAL HELICASE C28H8.3 IN CHROMOSOME III.//0.0000011//101aa//32%//Q09475
- C-PLACE1003537//ENDOSOMAL P24A PROTEIN PRECURSOR (70 KD ENDOMEMBRANE PROTEIN) (PHE- ROMONE ALPHA-FACTOR TRANSPORTER) (ACIDIC 24 KD LATE ENDOCYTIC INTERMEDIATE COMPO- NENT).//7.70E-68//404aa//33%//P32802
- 45 C-PLACE1003596//OLIGOSACCHARYL TRANSFERASE STT3 SUBUNIT HOMOLOG.//2.60E-93//270aa//66%//P46975
- C-PLACE1003602//Homo sapiens mRNA expressed in placenta.//5.90E-278//1275bp//99%//D83200
- C-PLACE1003605//HAP5 TRANSCRIPTIONAL ACTIVATOR.//0.00000023//82aa//35%//Q02516
- C-PLACE1003611//Homo sapiens anaphase-promoting complex subunit 4 (APC4) mRNA, complete cds.//6.20E-169//683bp//99%//AF191338
- 50 C-PLACE1003625//ARMADILLO SEGMENT POLARITY PROTEIN.//3.20E-10//380aa//25%//P18824
- C-PLACE1003669//TRICHOHYALIN.//5.60E-09//219aa//30%//P22793
- C-PLACE1003704//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR SRP75).//8.00E-19//209aa//34%//Q08170
- 55 C-PLACE1003709//Homo sapiens mitotic checkpoint kinase Bub1 (BUB1) mRNA complete cds.//6.20E-282//1316bp//98%//AF053305
- C-PLACE1003738//ZINC FINGER PROTEIN 135.//9.60E-118//350aa//46%//P52742
- C-PLACE1003760//Homo sapiens tetraspanin TM4-A mRNA, complete cds.//5.20E-289//1313bp//97%//AF133423

- C-PLACE1003885//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYLTRANSFERASE).//3.70E-222//651aa//66%//P25500
- C-PLACE1003888//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE DELTA 1 (EC 3.1.4.11) (PLC-DELTA-1) (PHOSPHOLIPASE C-DELTA-1) (PLC-III) (FRAGMENT).//6.70E-113//501aa//46%//P10895
- 5 C-PLACE1003903//CTP SYNTHASE (EC 6.3.4.2) (UTP-AMMONIA LIGASE) (CTP SYNTHETASE).//1.40E-243//584aa//74%//P17812
- C-PLACE1003915//PROBABLE ARGINYL-TRNA SYNTHETASE, CYTOPLASMIC (EC 6.1.1.19) (ARGININE-TRNA UGASE) (ARGRS).//2.40E-108//581aa//40%//Q05506
- 10 C-PLACE1003923//Homo sapiens p53 regulated PA26-T2 nuclear protein (PA26) mRNA, complete cds.//0//1670bp//99%//AF033120
- C-PLACE1003968//5'-AMP-ACTIVATED PROTEIN KINASE, GAMMA-1 SUBUNIT (AMPK GAMMA-1 CHAIN).//2.40E-124//326aa//73%//P80385
- C-PLACE1004104//Rattus norvegicus rsec5 mRNA, complete cds.//0//2384bp//86%//AF032666
- 15 C-PLACE1004128//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT 4 (TRANSDUCIN BETA CHAIN 4).//6.10E-181//340aa//96%//P29387
- C-PLACE1004149//Rattus norvegicus GERp95 mRNA, complete cds.//3.30E-41//452bp//65%//AF195534
- C-PLACE1004183//Homo sapiens for TOM1-like protein.//0//1279bp//97%//AJ010071
- C-PLACE1004197//BUTYROPHILIN PRECURSOR (BT).//4.50E-10//208aa//27%//Q62556
- 20 C-PLACE1004203//Homo sapiens GPI-anchored membrane protein CDw108 precursor, mRNA, complete cds.//0//1882bp//99%//AF069493
- C-PLACE1004256//Mus musculus short coiled coil protein SCOCO (Scoc) mRNA, complete cds.//2.00E-93//960bp//76%//AF115778
- C-PLACE1004258//Homo sapiens vanilloid receptor-like protein 1 (VRL-1) mRNA.//0//1144bp//98%//AF129112
- 25 C-PLACE1004270//TRANSMEMBRANE PROTEASE, SERINE 2 (EC 3.4.21.-).//9.70E-36//389aa//31%//O15393
- C-PLACE1004277//Homo sapiens two pore domain K⁺ channel (TASK-2) mRNA, complete cds.//0//1498bp//99%//AF084830
- C-PLACE1004302//SOF1 PROTEIN.//1.90E-110//325aa//48%//P33750
- C-PLACE1004316//H.sapiens mRNA for apoptosis specific protein.//0//1767bp//99%//Y11588
- 30 C-PLACE1004358//Homo sapiens connector enhancer of KSR-like protein CNK1 mRNA, complete cds.//0//2512bp//99%//AF100153
- C-PLACE1004428//PRISTANOYL-COA OXIDASE (EC 1.3.3.-).//1.20E-39//385aa//33%//Q63448
- C-PLACE1004437//Human NAD⁺-specific isocitrate dehydrogenase beta subunit precursor, mRNA, nuclear gene encoding mitochondrial protein, complete cds.//0//985bp//99%//U49283
- 35 C-PLACE1004460//MATERNAL TUDOR PROTEIN.//0.0000002//218aa//23%//P25823
- C-PLACE1004471//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//7.2.90E-56//276aa//41%//P51522
- C-PLACE1004506//Homo sapiens carboxyl terminal LIM domain protein (CLIM1) mRNA, complete cds.//2.10E-16//402bp//62%//U90878
- 40 C-PLACE1004510//Homo sapiens TATA binding protein associated factor (TAFII150) mRNA, complete cds.//3.40E-227//1037bp//99%//AF040701
- C-PLACE1004550//Homo sapiens CGI-20 protein mRNA, complete cds.//3.50E-274//1305bp//97%//AF132954
- C-PLACE1004564//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100 KD SUBUNIT).//0//525aa//99%//Q10568
- 45 C-PLACE1004629//PROTEIN OS-9 PRECURSOR.//7.70E-18//264aa//32%//Q13438
- C-PLACE1004646//B.taurus mRNA for retinal pigment epithelial membrane receptor p63.//4.40E-42//985bp//59%//X66277
- C-PLACE1004674//Homo sapiens calcium binding protein (ALG-2) mRNA, complete cds.//1.30E-195//982bp//96%//AF035606
- 50 C-PLACE1004743//PROBABLE N-END-RECOGNIZING PROTEIN (UBIQUITIN-PROTEIN LIGASE E3 COMPONENT) (N- RECOGNIN).//4.40E-35//578aa//27%//O60152
- C-PLACE1004751//Homo sapiens mRNA for alpha2,3-sialyltransferase ST3Gal VI, complete cds.//7.10E-224//790bp//98%//AB022918
- C-PLACE1004777//N-CHIMAERIN (NC) (N-CHIMERIN) (ALPHA CHIMERIN) (A-CHIMAERIN).//1.90E-32//259aa//32%//P30337
- 55 C-PLACE1004793//RETROVIRUS-RELATED ENV POLYPROTEIN.//5.20E-47//577aa//25%//P10267
- C-PLACE1004804//ADENYLATE CYCLASE (EC 4.6.1.1) (ATP PYROPHOSPHATE-LYASE) (ADENYLYL CYCLASE).//4.70E-65//695aa//29%//Q01631

C-PLACE1004814//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR SRP75).//5.90E-19//196aa//36%//Q08170
 C-PLACE1004868//MALE STERILITY PROTEIN 27/3.90E-39//261aa//27%//Q08891
 C-PLACE1004902//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE SPAC10F6.02C.//9.30E-11//94aa//47%//Q42643
 5 C-PLACE1004918//L-LACTATE DEHYDROGENASE M CHAIN (EC 1.1.1.27) (LDH-A).//4.90E-48//198aa//44%//P06151
 C-PLACE1004930//Homo sapiens MDC-3.13 isoform 2 mRNA, complete cds.//0//1853bp//98%//AF099936
 C-PLACE1004937//SEL-10 PROTEIN.//6.30E-125//357aa//58%//Q93794
 10 C-PLACE1004969//HYPOTHETICAL 55.1 KD PROTEIN B0416.5 IN CHROMOSOME X.//2.00E-14//205aa//26%//Q11073
 C-PLACE1005052//Homo sapiens CGI-16 protein mRNA, complete cds.//6.6e-313//1413bp//99%//AF132950
 C-PLACE1005102//RING CANAL PROTEIN (KELCH PROTEIN).//2.60E-56//565aa//30%//Q04652
 C-PLACE1005176//Homo sapiens hypothalamus protein HT001 mRNA, complete cds.//3.90E-212//1040bp//96%//AF113539
 15 C-PLACE1005187//APAG PROTEIN.//3.80E-13//122aa//36%//P05636
 C-PLACE1005243//SERINE/THREONINE PROTEIN KINASE PKPA (EC 2.7.1.-).//1.30E-27//349aa//32%//Q01577
 C-PLACE1005287//INNER CENTROMERE PROTEIN (INCENP).//2.30E-13//269aa//28%//P53352
 20 C-PLACE1005305//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL (EC 2.7.4.10) (AK3).//2.00E-111//226aa//92%//P08760
 C-PLACE1005331//Homo sapiens 7h3 protein mRNA, partial cds.//1.20E-226//748bp//95%//AF209931
 C-PLACE1005373//TRNA PSEUDOURIDINE SYNTHASE B (EC 4.2.1.70) (TRNA PSEUDOURIDINE 55 SYNTHASE) (PSI55 SYNTHASE) (PSEUDOURIDYLATE SYNTHASE) (URACIL HYDROLYASE).//8.60E-09//194aa//27%//Q33335
 25 C-PLACE1005467//PENICILLIN-BINDING PROTEIN 4* (PBP 4*) (PBP 4A).//1.10E-09//93aa//31%//P32959
 C-PLACE1005494//Homo sapiens mRNA for transient receptor potential protein TRP6.//0//1649bp//99%//AJ006276
 C-PLACE1005530//HYPOTHETICAL 47.6 KD PROTEIN C16C10.5 IN CHROMOSOME III.//5.60E-52//173aa//57%//Q09251
 30 C-PLACE1005549//Homo sapiens mRNA for Rho guanine nucleotide-exchange factor, splice variant NET1A.//7.60E-97//1287bp//67%//AJ010046
 C-PLACE1005557//60S RIBOSOMAL PROTEIN L27.//1.90E-11//60aa//48%//P46288
 C-PLACE1005584//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICPQ (P135 PROTEIN) (IER 2.9/ER2.6).//6.80E-09//267aa//30%//P29128
 35 C-PLACE1005611//Mus musculus mRNA for mDj10, complete cds.//2.00E-33//379bp//66%//AB028860
 C-PLACE1005646//Homo sapiens RNA helicase-related protein mRNA, complete cds.//0//2130bp//99%//AF083255
 C-PLACE1005656//RIBONUCLEOSIDE-DIPHOSPHATE REDUCTASE M2 CHAIN (EC 1.17.4.1) (RIBONUCLEOTIDE REDUCTASE).//2.10E-148//321aa//83%//P31350
 40 C-PLACE1005727//Homo sapiens STRIN protein (STRIN) mRNA, complete cds.//2.00E-118//378bp//98%//AF162680
 C-PLACE1005739//INTERFERON-GAMMA INDUCIBLE PROTEIN MG11//1.30E-237//585aa//72%//Q60710
 C-PLACE1005763//S-ACYL FATTY ACID SYNTHASE THIOESTERASE, MEDIUM CHAIN (EC 3.1.2.14) (THIOESTERASE II).//2.50E-79//209aa//53%//P08635
 45 C-PLACE1005803//Homo sapiens mRNA for transcription factor (SMIF gene).//0//1985bp//99%//AJ275986
 C-PLACE1005804//Homo sapiens alpha 1,2-mannosidase IB mRNA, complete cds.//1.10E-217//994bp//99%//AF027156
 C-PLACE1005813//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds.//0//2040bp//99%//AF065482
 50 C-PLACE1005876//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100 KD SUBUNIT).//0//730aa//99%//Q10568
 C-PLACE1005890//BEM46 PROTEIN (FRAGMENT).//9.90E-42//224aa//43%//P54069
 C-PLACE1005921//AIG1 PROTEIN.//3.00E-31//284aa//31%//P54120
 C-PLACE1005951//Homo sapiens prolactin regulatory element-binding protein (PREB) mRNA, complete cds.//1.10E-264//661bp//99%//AF203687
 55 C-PLACE1005953//GLYCOSYLTRANSFERASE ALG2 (EC 2.4.1.-).//6.70E-30//198aa//37%//P43636
 C-PLACE1005955//VACUOLAR AMINOPEPTIDASE I PRECURSOR (EC 3.4.11.22) (POLYPEPTIDASE)//5.40E-54//455aa//32%//P14904

C-PLACE1005966//TRANSCRIPTION INITIATION FACTOR TFIID 90 KD SUBUNIT (TAFII-90)7/1.40E-07//
 254aa//25%//P38129
 C-PLACE1006003//Homo sapiens CGI-94 protein mRNA, complete cds.//2.40E-177//829bp//99%//AF151852
 C-PLACE1006011//Homo sapiens mRNA for poly(ADP-ribose) polymerase-2.//0//1564bp//99%//AJ236876
 5 C-PLACE1006040//Homo sapiens mRNA for alpha endosulfine.//4.70E-161//744bp//99%//X99906
 C-PLACE1006119//Homo sapiens Ran-GTP binding protein mRNA, partial cds.//1.50E-148//681bp//99%//
 AF039023
 C-PLACE1006157//E-SELECTIN PRECURSOR (ENDOTHELIAL LEUKOCYTE ADHESION MOLECULE 1)
 (ELAM-1) (LEUKOCYTE-ENDOTHELIAL CELL ADHESION MOLECULE 2) (LECAM2) (CD62E).//2.00E-28//
 10 236aa//30%//P98110
 C-PLACE1006167//PAF1 PROTEIN.//7.30E-15//437aa//24%//P38351
 C-PLACE1006170//ALPHA-ADAPTIN C (CLATHRIN ASSEMBLY PROTEIN COMPLEX 2 ALPHA-C LARGE
 CHAIN) (100 KD COATED VESICLE PROTEIN C) (PLASMA MEMBRANE ADAPTOR HA2/AP2 ADAPTIN ALPHA
 C SUBUNIT).//1.70E-169//373aa//88%//P17427
 15 C-PLACE1006196//PUTATIVE ATP-DEPENDENT RNA HELICASE C12C2.06.//2.70E-116//496aa//48%//Q09747
 C-PLACE1006239//BONE PROTEOGLYCAN II PRECURSOR (PG-S2) (DECORIN).//2.00E-16//244aa//31%//
 P28675
 C-PLACE1006288//VOLTAGE-DEPENDENT ANION-SELECTIVE CHANNEL PROTEIN 1 (VDAC1) (PLASMA-
 LEMMAL PORIN) (OUTER MITOCHONDRIAL MEMBRANE PROTEIN PORIN) (PORIN 31HL) (PORIN 31HM).//
 20 4.60E-117//147aa//80%//P21796
 C-PLACE1006318//Mus musculus skm-BOP2 (Bop) mRNA, complete cds.//3.00E-07//376bp//59%//U76374
 C-PLACE1006335//Homo sapiens NY-REN-50 antigen mRNA, partial cds.//0//1649bp//99%//AF155112
 C-PLACE1006368//HYALURONAN-MEDIATED MOTILITY RECEPTOR (HYALURONIC ACID RECEPTOR).//
 1.30E-18//460aa//24%//Q00547
 25 C-PLACE1006385//Homo sapiens epsin 2a mRNA, complete cds.//0//1168bp//99%//AF062085
 C-PLACE1006438//ZINC FINGER PROTEIN 165.//2.50E-45//122aa//43%//P49910
 C-PLACE1006469//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- AC-
 TIVATING ENZYME).//1.20E-83//313aa//49%//P27550
 C-PLACE1006482//TRANSCRIPTION FACTOR MAFF.//7.70E-55//142aa//85%//Q90595
 30 C-PLACE1006488//SIGNAL RECOGNITION PARTICLE 68 KD PROTEIN (SRP68).//1.10E-229//367aa//96%//
 Q00004
 C-PLACE1006492//Homo sapiens transmembrane protein 2 (TMEM2) mRNA, complete cds.//0//2618bp//99%//
 AF137030
 C-PLACE1006506//Homo sapiens anaphase-promoting complex subunit 4 (APC4) mRNA, complete cds.//0//
 35 2170bp//99%//AF191338
 C-PLACE1006531//Homo sapiens putative RNA-binding protein Q99 mRNA, complete cds.//0//1967bp//99%//
 AF093097
 C-PLACE1006534//POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE (EC 2.4.1.41)(PROTEIN-
 UDP ACETYL GALACTOSAMINYLTRANSFERASE)(UDP-GALNAC:POLYPEPTIDE, N-ACETYL GALACTOSAM-
 40 INYLTRANSFERASE) (GALNAC-T1).//8.30E-08//100aa//41%//Q10472
 C-PLACE1006552//MYOSIN HEAVY CHAIN, CLONE 203 (FRAGMENT).//1.20E-09//426aa//21%//P39922
 C-PLACE1006615//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds.//
 0//1464bp//99%//U97670
 C-PLACE1006626//Homo sapiens mRNA for Helicase-MOI, complete cds.//0//1760bp//99%//AB028449
 45 C-PLACE1006678//Homo sapiens mRNA for type II membrane protein, complete cds, clone:HP10328.//5.80E-
 24//734bp//62%//AB015630
 C-PLACE1006731//RIBOFLAVIN KINASE (EC 2.7.1.26) (FLAVOKINASE) / FMN ADENYLYLTRANSFERASE (EC
 2.7.7.2) (FAD PYROPHOSPHORYLASE) (FAD SYNTHETASE).//6.90E-13//177aa//33%//Q59263
 C-PLACE1006754//BILIARY GLYCOPROTEIN 1 PRECURSOR (BGP-1) (ANTIGEN CD66) (CD66A ANTIGEN).//
 50 6.20E-63//191aa//43%//P13688
 C-PLACE1006819//UNE-1 REVERSE TRANSCRIPTASE HOMOLOG.//9.80E-213//232aa//80%//P08547
 C-PLACE1006829//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 4 (EC 3.1.2.15) (UBIQUITIN THIOLESTE-
 RASE 4) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 4) (DEUBIQUITINATING ENZYME 4) (UBIQUI-
 55 TOUS NUCLEAR PROTEIN).//2.00E-15//188aa//29%//P35123
 C-PLACE1006878//TRNA-SPLICING ENDONUCLEASE SUBUNIT SEN2 (EC 3.1.27.9) (TRNA-INTRON ENDO-
 NUCLEASE).//1.90E-08//122aa//36%//P16658
 C-PLACE1006917//HSH49 PROTEIN.//5.50E-12//97aa//35%//Q99181
 C-PLACE1006935//HYPOTHETICAL 95.2 KD PROTEIN R144.6 IN CHROMOSOME III.//6.70E-48//278aa//41%//

- Q10000
 C-PLACE1006956//ATP-DEPENDENT PERMEASE MDL1.//1.30E-86//522aa//36%//P97998
 C-PLACE1006958//Homo sapiens mRNA for heat shock protein app-1, complete cds.//0//1770bp//99%//AB023421
- 5 C-PLACE1007014//36 KD NUCLEOLAR PROTEIN HNP36 (DELAYED-EARLY RESPONSE PROTEIN 12) (DER12).//3.20E-35//180aa//33%//Q14542
 C-PLACE1007105//Homo sapiens muskellin (MKLN1) mRNA, complete cds.//0//2449bp//98%//AF047489
 C-PLACE1007140//TRICHOHYALIN.//1.30E-25//816aa//22%//P37709
- 10 C-PLACE1007226//PROBABLE OXYGEN-INDEPENDENT COPROPORPHYRINOGEN III OXIDASE (EC 1.-.-.) (COPROPORPHYRINOGENASE) (COPROGEN OXIDASE).//1.00E-42//370aa//31%//P54304
 C-PLACE1007239//Homo sapiens mRNA for transcription elongation factor S-II, hS-II-T1, complete cds.//6.50E-216//1068bp//96%//D50495
 C-PLACE1007243//UNC-47 PROTEIN.//1.70E-07//211aa//27%//P34579
 C-PLACE1007257//Homo sapiens mRNA for dia-12c protein.//0//2052bp//99%//Y15908
- 15 C-PLACE1007317//Drosophila melanogaster Adrift (adrift) mRNA, complete cds.//4.10E-17//1037bp//56%//AF117649
 C-PLACE1007346//Homo sapiens estrogen-responsive B box protein (EBBP) mRNA, complete cds.//0//2366bp//99%//AF096870
 C-PLACE1007375//PHORBOL ESTER/DIACYLGLYCEROL-BINDING PROTEIN UNC-13.//0.00000044//127aa//30%//P27715
- 20 C-PLACE1007409//WHITTE PROTEIN.//1.10E-64//428aa//32%//Q17320
 C-PLACE1007416//DIPEPTIDYL PEPTIDASE IV (EC 3.4.14.5) (DPP IV) (T-CELL ACTIVATION ANTIGEN CD26) (TP103) (ADENOSINE DEAMINASE COMPLEXING PROTEIN-2) (ADABP).//8.80E-25//140aa//35%//P27487
 C-PLACE1007488//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/RAC GEF) (FA-CIOGENITAL DYSPLASIA PROTEIN HOMOLOG).//5.40E-53//426aa//33%//P52734
- 25 C-PLACE1007511//KERATIN, TYPE I CYTOSKELETAL 19 (CYTOKERATIN 19) (K19) (CK 19).//1.40E-85//385aa//45%//P08728
 C-PLACE1007537//Homo sapiens ankyrin repeat-containing protein ASB-2 mRNA, complete cds.//8.9e-316//1485bp//98%//AF159164
- 30 C-PLACE1007547//HYPOTHETICAL 97.1 KD PROTEIN R05D3.4 IN CHROMOSOME III.//1.00E-49//361aa//36%//P34537
 C-PLACE1007598//ZINC FINGER PROTEIN 184 (FRAGMENT).//1.60E-143//666aa//44%//Q99676
 C-PLACE1007632//POLIOVIRUS RECEPTOR PRECURSOR.//1.00E-07//228aa//31%//P32506
 C-PLACE1007649//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA-GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//4.50E-05//197aa//26%//P08640
- 35 C-PLACE1007688//LA PROTEIN HOMOLOG (LA RIBONUCLEOPROTEIN) (LA AUTOANTIGEN HOMOLOG).//8.70E-09//279aa//28%//Q26457
 C-PLACE1007697//GCN20 PROTEIN.//7.60E-119//717aa//38%//P43535
 C-PLACE1007705//Mus musculus mRNA for Ndr1 related protein Ndr3, complete cds.//1.10E-184//1096bp//82%//AB033922
- 40 C-PLACE1007706//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds.//0//3431bp//99%//AF061243
 C-PLACE1007729//RETROVIRUS-RELATED PROTEASE (EC 3.4.23.-).//1.50E-44//231aa//42%//P10265
 C-PLACE1007791//Homo sapiens IDN3-B mRNA, complete cds.//0//1836bp//99%//AB019602
 C-PLACE1007897//Homo sapiens FLASH mRNA, complete cds.//0//2145bp//99%//AF154415
- 45 C-PLACE1007946//MYOSIN HEAVY CHAIN, NON-MUSCLE (ZIPPER PROTEIN) (MYOSIN II).//2.60E-14//370aa//25%//Q99323
 C-PLACE1007954//HYPOTHETICAL 45.5 KD PROTEIN IN FIG1-GIP1 INTERGENIC REGION.//6.70E-13//168aa//31%//P38226
 C-PLACE1007955//Homo sapiens cyclin-D binding Myb-like protein mRNA, complete cds.//0//2252bp//99%//AF084530
- 50 C-PLACE1007958//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds.//0//2300bp//99%//AF079529
 C-PLACE1007969//HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN M (HNRNP M).//1.10E-36//202aa//48%//P52272
- 55 C-PLACE1008000//CHANNEL ASSOCIATED PROTEIN OF SYNAPSE-110 (CHAPSIN-110) (SYNAPTIC DENSITY PROTEIN PSD-93).//6.10E-14//128aa//39%//Q63622
 C-PLACE1008044//NUCLEAR PORE COMPLEX PROTEIN NUP107 (NUCLEOPORIN NUP107) (107 KD NUCLEOPORIN) (P105).//4.6e-318//613aa//94%//P52590

- C-PLACE1008080//Homo sapiens mRNA for HEXIM1 protein, complete cds.//0//2152bp//99%//AB021179
 C-PLACE1008111//PROBABLE OXIDOREDUCTASE (EC 1.-.-.-).//3.00E-25//208aa//37%//Q03326
 C-PLACE1008132//HYPOTHETICAL 127.4 KD PROTEIN F07F6.4 IN CHROMOSOME III.//1.30E-24//395aa//31%//Q09531
- 5 C-PLACE1008177//TRICHOHYALIN.//2.30E-29//487aa//26%//P37709
 C-PLACE1008201//Rattus rattus zinc finger protein, complete cds.//0//2265bp//83%//L23077
 C-PLACE1008244//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//9.50E-21//148aa//38%//Q00808
 C-PLACE1008273//COATOMER GAMMA SUBUNIT (GAMMA-COAT PROTEIN) (GAMMA-COP).//1.30E-283//671aa//77%//P53620
- 10 C-PLACE1008275//DNA REPAIR PROTEIN REV1 (EC 2.7.7.-).//2.30E-18//162aa//37%//P12689
 C-PLACE1008309//Rattus norvegicus putative four repeat ion channel mRNA, complete cds.//5.20E-137//672bp//77%//AF078779
 C-PLACE1008330//EOSINOPHIL LYOPHOSPHOLIPASE (EC 3.1.1.5) (CHARCOT-LEYDEN CRYSTAL PROTEIN) (LYSOLECITHIN ACYLHYDROLASE) (CLC) (GALACTIN-10).//2.20E-23//94aa//47%//Q05315
- 15 C-PLACE1008356//Homo sapiens meningioma-expressed antigen 5 (MEA5) mRNA, partial cds.//1.90E-170//780bp//100%//AF036144
 C-PLACE1008368//RING CANAL PROTEIN (KELCH PROTEIN).//5.30E-26//309aa//30%//Q04652
 C-PLACE1008398//GENE 33 POLYPEPTIDE.//7.30E-114//243aa//87%//P05432
 C-PLACE1008402//GENERAL VESICULAR TRANSPORT FACTOR P115 (TRAN-SCYTOSIS ASSOCIATED PROTEIN) (TAP).//0//698aa//95%//P41541
- 20 C-PLACE1008426//RESTIN (CYTOPLASMIC LINKER PROTEIN-170) (CLIP-170).//1.80E-11//365aa//25%//O42184
 C-PLACE1008429//ANKYRIN HOMOLOG PRECURSOR.//3.10E-11//189aa//32%//Q06527
 C-PLACE1008465//Homo sapiens mRNA for rapa-1 (rapa gene).//6.60E-243//1102bp//99%//AJ277275
- 25 C-PLACE1008533//101 KD MALARIA ANTIGEN (P101) (ACIDIC BASIC REPEAT ANTIGEN).//1.10E-09//62aa//48%//P22620
 C-PLACE1008603//NUCLEAR PORE COMPLEX PROTEIN NUP155 (NUCLEOPORIN NUP155) (155 KD NUCLEOPORIN) (P140).//7.80E-236//453aa//96%//P37199
 C-PLACE1008627//Homo sapiens mRNA for cysteine-rich protein.//0//1850bp//99%//AJ006591
- 30 C-PLACE1008643//INTER-ALPHA-TRYPSIN INHIBITOR HEAVY CHAIN H2 PRECURSOR (III HEAVY CHAIN H2).//5.20E-90//483aa//38%//O02668
 C-PLACE1008650//PRL1/PRL2-LIKE PROTEIN.//2.00E-127//354aa//62%//O13615
 C-PLACE1008696//Homo sapiens NADH dehydrogenase-ubiquinone Fe-S protein 8 23 kDa subunit (NDUFS8) gene, nuclear gene encoding mitochondrial protein, complete cds.//0//3002bp//99%//AF03 8406
- 35 C-PLACE1008790//Homo sapiens importin alpha 7 subunit mRNA, complete cds.//0//1670bp//99%//AF060543
 C-PLACE1008808//Homo sapiens mRNA for cell cycle checkpoint protein rad1A.//2.30E-269//1225bp//99%//AJ004974
 C-PLACE1008813//Rattus norvegicus rsec15 mRNA, complete cds.//8.80E-268//1171bp//90%//AF032668
- 40 C-PLACE1009020//NIFS PROTEIN.//3.90E-55//279aa//41%//P12623
 C-PLACE1009027//Homo sapiens mRNA for doublecortin.//0//1919bp//99%//AJ003112
 C-PLACE1009060//BRO1 PROTEIN.//6.70E-19//567aa//24%//P48582
 C-PLACE1009094//FURIN-LIKE PROTEASE 2 PRECURSOR (EC 3.4.21.75) (FURIN 2).//1.90E-44//480aa//30%//P30432
- 45 C-PLACE1009099//ZINC FINGER PROTEIN 41 (FRAGMENT).//1.10E-179//452aa//67%//P51814
 C-PLACE1009113//Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3) mRNA, complete cds.//0//2529bp//99%//AF035586
 C-PLACE1009130//UBIQUITIN-PROTEIN LIGASE E3A (EC 6.3.2.-) (ONCOGENIC PROTEIN-ASSOCIATED PROTEIN E6-AP).//2.00E-68//181aa//43%//Q05086
- 50 C-PLACE1009158//Mus musculus mRNA for death inducer-obliterator-1 (Dio-1).//5.40E-200//1790bp//75%//AJ238332
 C-PLACE1009186//Homo sapiens small zinc finger-like protein (TIM9b) mRNA, complete cds.//9.60E-255//1179bp//98%//AF150105
 C-PLACE1009246//POLLEN SPECIFIC PROTEIN SF3.//4.40E-16//82aa//43%//P29675
- 55 C-PLACE1009298//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS35.//2.00E-78//262aa//43%//P34110
 C-PLACE1009308//GLUCOSE REPRESSION MEDIATOR PROTEIN.//4.00E-06//439aa//23%//P14922
 C-PLACE1009319//Rattus norvegicus outer membrane protein (OMP25) mRNA, complete cds; nuclear gene for mitochondrial product.//2.10E-132//1229bp//75%//AF107295

- C-PLACE1009368//METAL HOMEOSTASIS FACTOR ATX27/2.50E-10//151aa//29%//Q12067
 C-PLACE1009398//ZINC FINGER PROTEIN 135./6.20E-97//361aa//51%//P52742
 C-PLACE1009404//HYPOTHETICAL 105.6 KD PROTEIN C16C9.06C IN CHROMOSOME I./4.70E-08//165aa//33%//Q09820
- 5 C-PLACE1009443//Mus musculus F-box protein FBL8 mRNA, complete cds./1.00E-173//1367bp//77%//AF176523
 C-PLACE1009444//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA (EC 2.7.1.67) (PI4-KINASE) (PTDINS-4-KINASE) (PI4K-ALPHA)./7.80E-71//82aa//89%//P42356
 C-PLACE1009468//PHOSPHOLIPASE A-2-ACTIVATING PROTEIN (PLAP)./3.10E-289//550aa//93%//P54319
- 10 C-PLACE1009476//PUTATIVE ATP-DEPENDENT RNA HELICASE T26G10.1 IN CHROMOSOME III./3.90E-40//179aa//37%//P34580
 C-PLACE1009477//Homo sapiens ubiquitin-fusion degradation protein 2 (UFD2) mRNA, complete cds./6.60E-147//592bp//99%//AF043117
 C-PLACE1009524//ARF NUCLEOTIDE-BINDING SITE OPENER (ARNO PROTEIN) (ARF EXCHANGE FACTOR)/7/8.10E-99//228aa//75%//Q99418
- 15 C-PLACE1009571//Homo sapiens PTD002 mRNA, complete cds./5.90E-185//857bp//99%//AF078857
 C-PLACE1009596//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1./5.10E-54//291aa//40%//Q00808
 C-PLACE1009622//MATERNAL EFFECT PROTEIN STAUFEN./1.30E-60//209aa//41%//P25159
 C-PLACE1009659//MEMBRANE-ASSOCIATED PROTEIN HEM-2 (NAP1 PROTEIN)./1.50E-285//538aa//99%//P55161
- 20 C-PLACE1009670//Homo sapiens genethonin 1 mRNA, complete cds./0//1854bp//100%//AF062534
 C-PLACE1009708//HYPOTHETICAL 143.3 KD TRP-ASP REPEATS CONTAINING PROTEIN C12G12.13C IN CHROMOSOME I./7.00E-33//166aa//43%//Q09876
 C-PLACE1009721//MSF1 PROTEIN./1.70E-22//176aa//33%//P35200
- 25 C-PLACE1009731//AIG1 PROTEIN./1.60E-22//274aa//28%//P54120
 C-PLACE1009763//Homo sapiens mRNA for Nedd8-activating enzyme hUba3, complete cds./4.30E-294//1329bp//100%//AB012190
 C-PLACE1009798//RLR1 PROTEIN./1.60E-18//270aa//23%//P53552
 C-PLACE1009845//WEB1 PROTEIN (PROTEIN TRANSPORT PROTEIN SEC31)./2.30E-59//405aa//33%//P38968
- 30 C-PLACE1009861//CATHEPSIN B-LIKE CYSTEINE PROTEINASE 6 PRECURSOR (EC 3.4.22.-)./6.50E-28//209aa//38%//P43510
 C-PLACE1009908//HYPOTHETICAL GTP-BINDING PROTEIN IN SEH1-PRP20 INTERGENIC REGION./1.90E-108//277aa//43%//P53145
- 35 C-PLACE1009925//Homo sapiens RNA helicase (RIG-I) mRNA, complete cds./0//1730bp//99%//AF038963
 C-PLACE1009992//LIMULUS CLOTTING FACTOR C PRECURSOR (EC 3.4.21.84)./4.60E-59//450aa//34%//P28175
 C-PLACE1009997//Rattus norvegicus A-kinase anchoring protein AKAP 220 mRNA, complete cds./5.20E-70//736bp//73 %//U48288
- 40 C-PLACE1010053//M.musculus Spnr mRNA for RNA binding protein./6.00E-279//1402bp//94%//X84692
 C-PLACE1010074//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds./0//2019bp//99%//AF065482
 C-PLACE1010096//100 KD PROTEIN (EC 6.3.2.-)./1.40E-268//506aa//98%//Q62671
 C-PLACE1010105//RING CANAL PROTEIN (KELCH PROTEIN)./7.30E-114//537aa//44%//Q04652
- 45 C-PLACE1010134//TRANSCRIPTION REGULATORY PROTEIN SNF2 (SWI/SNF COMPLEX COMPONENT SNF2) (REGULATORY PROTEIN SWI2) (REGULATORY PROTEIN GAM1) (TRANSCRIPTION FACTOR TYE3)./1.70E-20//156aa//42%//P22082
 C-PLACE1010148//CYUCIN I (MULTIPLE-BAND POLYPEPTIDE I)./4.60E-07//431aa//23%//P35662
 C-PLACE1010194//SPLICING FACTOR, ARGININE/SERINE-RICH 2 (SPLICING FACTOR SC35) (SC-35) (SPUCING COMPONENT, 35 KD) (PR264 PROTEIN)./9.80E-11//95aa//49%//Q01130
- 50 C-PLACE1010231//CELL SURFACE GLYCOPROTEIN EMR1 PRECURSOR (EMR1 HORMONE RECEPTOR)./5.1 OE-27//371aa//28%//Q14246
 C-PLACE1010261//SEGREGATION DISTORTER PROTEIN./1.60E-77//214aa//62%//P25722
 C-PLACE1010310//SPIDROIN 2 (DRAGLINE SILK FIBROIN 2) (FRAGMENT)./1.20E-18//467aa//30%//P46804
 C-PLACE1010321//NON-GREEN PLASTID TRIOSE PHOSPHATE TRANSLOCATOR PRECURSOR (CTPT)./1.10E-09//350aa//22%//P52178
- 55 C-PLACE1010362//1-PHOSPHATIDYLINOSITOL PHOSPHODIESTERASE PRECURSOR (EC 3.1.4.10) (PHOSPHATIDYLINOSITOL-SPECIFIC PHOSPHOLIPASE C) (PI-PLC)./2.00E-09//126aa//29%//P34024
 C-PLACE1010481//Bos taurus C5-glucuronyl epimerase mRNA, partial cds./0//2082bp//91%//AF003927

- C-PLACE1010522//Homo sapiens mRNA for DEPP (decidual protein induced by progesterone), complete cds.//0//1981 bp//99%//AB022718
- C-PLACE1010529//Homo sapiens TANK binding kinase TBK1 (TBK1) mRNA, complete cds.//0//1750bp//99%//AF191838
- 5 C-PLACE1010547//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//1.20E-07//616aa//24%//P25386
- C-PLACE1010579//Homo sapiens CED-6 protein (CED-6) mRNA, complete cds.//8.80E-300//1359bp//99%//AF191771
- 10 C-PLACE1010599//Homo sapiens Pex14 mRNA for peroxisomal membrane anchor protein, complete cds.//0//1904bp//99%//AB017546
- C-PLACE1010622//TROPONIN T, CARDIAC MUSCLE ISOFORMS (TNTC).//0.00000016//120aa//28%//P02642
- C-PLACE1010628//Homo sapiens S164 gene, partial cds; PS1 and hypothetical protein genes, complete cds; and S171 gene, partial cds.//7.50E-08//324bp//64%//AF109907
- C-PLACE1010661//TESTIS-SPECIFIC PROTEIN PBS 13.//5.70E-75//423aa//39%//Q01755
- 15 C-PLACE1010662//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-) (DUGT).//1.80E-222//808aa//52%//Q09332
- C-PLACE1010702//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6).//5.20E-151//427aa//55%//P28160
- C-PLACE1010720//Homo sapiens mRNA for chromosome-associated polypeptide-C, complete cds.//4.00E-299//1091bp//99%//AB019987
- 20 C-PLACE1010743//Homo sapiens myosin-IXb splice variant (Myo9b) mRNA, partial cds.//8.90E-91//668bp//82%//AF020267
- C-PLACE1010761//Homo sapiens mRNA for cisplatin resistance-associated overexpressed protein, complete cds.//0//1448bp//99%//AB034205
- C-PLACE1010771//M.musculus HCNGP mRNA.//7.40E-168//966bp//89%//X68061
- 25 C-PLACE1010811//Rattus norvegicus mRNA for protein encoded by bdeight gene, partial.//1.60E-217//858bp//87%//AJ010392
- C-PLACE1010833//CALTRACTIN(CENTRIN).//0.0000001//154aa//28%//P41209
- C-PLACE1010870//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//1.30E-143//407aa//58%//Q05481
- 30 C-PLACE1010896//NUF1 PROTEIN (SPINDLE POLY BODY SPACER PROTEIN SPC110).//1.50E-25//583aa//23%//P35580
- C-PLACE1010926//HYPOTHETICAL 72.2 KD PROTEIN C12C2.05C IN CHROMOSOME II.//7.60E-23//103aa//53%//Q09746
- C-PLACE1010942//Homo sapiens intersectin long isoform (ITSN) mRNA, complete cds.//0//1440bp//99%//AF114487
- 35 C-PLACE1010960//ACTIN-LIKE PROTEIN 13E.//5.30E-98//297aa//48%//P45890
- C-PLACE1011041//Homo sapiens mRNA for BAP2-alpha protein, complete cds.//0//1701bp//97%//AB015019
- C-PLACE1011046//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE BETA 1 (EC 3.1.4.11) (PLC-BETA-1) (PHOSPHOLIPASE C-BETA-1) (PLC-I) (PLC-154).//0//646aa//97%//P10894
- 40 C-PLACE1011056//HISTONE HI, GONADAL.//6.80E-13//154aa//37%//P02256
- C-PLACE1011109//ELONGATION FACTOR G, MITOCHONDRIAL PRECURSOR (MEFG).//1.50E-22//63aa//88%//Q07803
- C-PLACE1011114//PROBABLE ATP-DEPENDENT RNA HELICASE HAS1.//2.90E-71//190aa//44%//Q03532
- C-PLACE1011160//Homo sapiens HFB30 mRNA, complete cds.//0//1691bp//99%//AB022663
- 45 C-PLACE1011185//INSERTION ELEMENT IS1 PROTEIN INSB.//1.30E-89//167aa//100%//P03830
- C-PLACE1011219//PROBABLE OXIDOREDUCTASE (EC 1.-.-).//3.20E-12//212aa//29%//Q03326
- C-PLACE1011229//Homo sapiens ubiquitin-specific protease homolog (UPH) mRNA, complete cds.//2.30E-152//701bp//99%//AF153604
- C-PLACE1011310//MYOSIN HEAVY CHAIN, GIZZARD SMOOTH MUSCLE.//3.50E-20//496aa//25%//P10587
- 50 C-PLACE1011332//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds.//7.20E-151//697bp//99%//AF102265
- C-PLACE1011340//Homo sapiens IDN3-B mRNA, complete cds.//1.20E-74//380bp//97%//AB019602
- C-PLACE1011371//INTER-ALPHA-TRYPSIN INHIBITOR HEAVY CHAIN H2 PRECURSOR (ITI HEAVY CHAIN H2).//1.70E-78//383aa//39%//Q61703
- 55 C-PLACE1011399//Homo sapiens CGI-72 protein mRNA, complete cds.//3.20E-90//427bp//99%//AF151830
- C-PLACE1011433//TRANSCRIPTION FACTOR IIIA (FACTOR A) (TFIIIA).//3.00E-10//236aa//25%//P34695
- C-PLACE1011477//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds.//0//2040bp//99%//AF065482
- C-PLACE1011492//NON-GREEN PLASTID TRIOSE PHOSPHATE TRANSLOCATOR PRECURSOR (CTPT).//

- 4.90E-11//147aa//32%//P52178
 C-PLACE1011576//Human Kruppel related zinc finger protein (HTF10) mRNA, complete cds.//0//1791bp//82%//L11672
 C-PLACE1011586//Rattus norvegicus clone C53 CDK5 activator-binding protein mRNA, complete cds//7/4.10E-259//1538bp//87%//AF177476
 5 C-PLACE1011635//Homo sapiens heparan sulfate D-glucosaminyl 3-O-sulfotransferase-3B (3OST3B1) mRNA, complete cds.//0//1559bp//99%//AF105377
 C-PLACE1011664//CROOKED NECK PROTEIN.//1.60E-187//505aa//64%//P17886
 10 C-PLACE1011858//Homo sapiens BAG-family molecular chaperone regulator-2 mRNA, complete cds.//1.30E-255//1179bp//99%//AF095192
 C-PLACE1011896//Mus musculus Wnt10a mRNA, complete cds.//2.60E-287//1820bp//85%//U61969
 C-PLACE1011922//MYOSIN HEAVY CHAIN, NONMUSCLE TYPE B (CELLULAR MYOSIN HEAVY CHAIN, TYPE B) (NMMHC-B).//1.30E-15//409aa//27%//P35580
 C-PLACE1011923//Homo sapiens serum-inducible kinase mRNA, complete cds.//0//2782bp//99%//AF059617
 15 C-PLACE101-2031//Homo sapiens sorting nexin 13 (SNX13) mRNA, partial cds.//0//1701bp//100%//AF121862
 C-PLACE2000014//HYPOTHETICAL HELICASE C28H8.3 IN CHROMOSOME III.//2.60E-42//104aa//49%//Q09475
 C-PLACE2000015//EPIDERMAL GROWTH FACTOR RECEPTOR SUBSTRATE SUBSTRATE 15 (PROTEIN EPS15) (AF-1P PROTEIN).//1.10E-116//364aa//45%//P42566
 20 C-PLACE2000021//Homo sapiens TRF1-interacting ankyrin-related ADP-ribose polymerase mRNA, complete cds.//2.70E-107//981bp//74%//AF082556
 C-PLACE2000034//LAR PROTEIN PRECURSOR (LEUKOCYTE ANTIGEN RELATED) (EC 3.1.3.48).//2.20E-29//212aa//35%//P10586
 C-PLACE2000039//DYNEIN HEAVY CHAIN, CYTOSOLIC (DYHC) (MAP 1C).//6.10E-293//388aa//99%//P38650
 25 C-PLACE2000062//Homo sapiens mRNA for type II membrane protein similar to HIV gp120-binding C-type lectin, complete cds, clone:HP01347.//6.30E-166//656bp//94%//AB015629
 C-PLACE2000072//Homo sapiens ZNF202 beta (ZNF202) mRNA, complete cds.//0//3174bp//99%//AF027219
 C-PLACE2000164//TIPD PROTEIN.//2.10E-59//481aa//33%//O15736
 C-PLACE2000216//SPECTRIN BETA CHAIN, BRAIN (SPECTRIN, NON-ERYTHROID BETA CHAIN) (FODRIN BETA CHAIN) (SPTBN1).//6.60E-115//226aa//99%//Q01082
 30 C-PLACE2000246//RING CANAL PROTEIN (KELCH PROTEIN).//6.00E-57//239aa//34%//Q04652
 C-PLACE2000274//DYNEIN BETA CHAIN, CILIARY.//2.20E-167//880aa//37%//P23098
 C-PLACE2000341//Homo sapiens sodium-dependent multivitamin transporter (SMVT) mRNA, complete cds.//0//1554bp//99%//AF069307
 35 C-PLACE2000371//TENSIN.//2.90E-78//561aa//37%//Q04205
 C-PLACE2000373//F-SPONDIN PRECURSOR.//8.60E-16//371aa//28%//P35446
 C-PLACE2000398//LAR PROTEIN PRECURSOR (LEUKOCYTE ANTIGEN RELATED) (EC 3.1.3.48).//6.30E-37//90aa//98%//P10586
 C-PLACE2000399//T-CELL SURFACE GLYCOPROTEIN E2 PRECURSOR (E2 ANTIGEN) (CD99) (MIC2 PROTEIN) (12E7).//1.60E-14//180aa//39%//P14209
 40 C-PLACE2000404//PROBABLE LEUCYL-TRNA SYNTHETASE (EC 6.1.1.4) (LEUCINE-TRNA LIGASE) (LEURS).//9.90E-229//821aa//54%//Q09996
 C-PLACE2000411//Homo sapiens epsin 2b mRNA, complete cds.//3.80E-271//642bp//99%//AF062085
 C-PLACE2000427//PROBABLE HELICASE MOT1.//1.20E-26//200aa//27%//P32333
 45 C-PLACE2000438//POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE (EC 2.4.1.41) (PROTEIN-UDP ACETYL GALACTOSAMINYLTRANSFERASE) (UDP-GALNAC:POLYPEPTIDE, N- ACETYL GALACTOSAMINYLTRANSFERASE) (GALNAC-T1).//2.10E-86//348aa//41%//Q10472
 C-PLACE2000458//CADHERIN-RELATED TUMOR SUPPRESSOR PRECURSOR (FAT PROTEIN).//2.50E-25//165aa//40%//P33450
 50 C-PLACE2000477//Homo sapiens putative secreted protein (ZSIG11) mRNA, complete cds.//6.70E-127//671bp//94%//AF072733
 C-PLACE3000009//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6) (RPB1)(FRAGMENT).//3.50E-30//400aa//30%//P11414
 C-PLACE3000020//Homo sapiens type III adenylyl cyclase (AC-III) mRNA, complete cds.//0//2253bp//99%//AF033861
 55 C-PLACE3000059//Mus musculus mRNA for ubiquitin conjugating enzyme.//0//1979bp//90%//Y17267
 C-PLACE3000121//VESICULAR TRAFFIC CONTROL PROTEIN SEC157/1.90E-08//281aa//22%//P22224
 C-PLACE3000145//TENSIN.//1.00E-108//277aa//75%//Q04205

C-PLACE3000147//Homo sapiens metalloproteinase with thrombospondin type 1 motifs ADAMTS1 (ADAMTS1) mRNA, complete cds.//0//2043bp//99%//AF170084
 C-PLACE3000169//ZINC FINGER PROTEIN 135.//2.50E-90//358aa//47%//P52742
 C-PLACE3000218//Homo sapiens putative protein O-mannosyltransferase (POMT2) mRNA, complete cds.//0//1862bp//98%//AF105020
 5 C-PLACE3000242//Human trophinin mRNA, complete cds.//0//2290bp//99%//U04811
 C-PLACE3000244//PROTEIN TSG24 (MEIOTIC CHECK POINT REGULATOR).//0//1435aa//92%//P53995
 C-PLACE3000254//Homo sapiens transcriptional activator SRCAP (SRCAP) mRNA, complete cds.//0//4583bp//83%//AF143946
 10 C-PLACE3000339//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//9.60E-08//359aa//23%//P08640
 C-PLACE3000350//SERINE/THREONINE-PROTEIN KINASE SULU (EC 2.7.1.-).//1.00E-54//418aa//38%//P46549
 C-PLACE3000416//Homo sapiens mRNA for actin binding protein ABP620, complete cds.//1.80E-14//565bp//98%//AB029290
 15 C-PLACE3000477//Homo sapiens phosphoprotein pp75 mRNA, partial cds.//0//3012bp//98%//AF153085
 C-PLACE4000009//MYOSIN HEAVY CHAIN, NONMUSCLE TYPE B (CELLULAR MYOSIN HEAVY CHAIN, TYPE B) (NMMHC-B).//2.90E-54//626aa//29%//P35580
 C-PLACE4000014//X-LINKED HEUCASE II (X-LINKED NUCLEAR PROTEIN) (XNP).//3.10E-11//348aa//41%//P46100
 20 C-PLACE4000052//Homo sapiens ATP cassette binding transporter 1 (ABC1) mRNA, complete cds.//0//4661bp//99%//AF165281
 C-PLACE4000063//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//1.70E-15//740aa//23%//P08640
 25 C-PLACE4000100//Homo sapiens hydroxypyruvate reductase (GRHPR) gene, complete cds.//0//4199bp//97%//AF146689
 C-PLACE4000128//Mus musculus putative transcription factor mRNA, complete cds.//1.60E-86//190aabbp//88%//AF091234
 C-PLACE4000156//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//1.40E-235//516aa//51%//Q05481
 30 C-PLACE4000192//ZINC FINGER PROTEIN 142 (KIAA0236) (HA4654).//7.00E-22//369aa//25%//P52746
 C-PLACE4000211//Homo sapiens BAZ2A mRNA for bromodomain adjacent to zinc finger domain 2A, complete cds.//0//5709bp//96%//AB032254
 C-PLACE4000230//Mus musculus semaphorin VIa mRNA, complete cds.//0//2567bp//88%//AF030430
 35 C-PLACE4000259//H.sapiens gene for U5 snRNP-specific 200kD protom.//0//5143bp//90%//Z70200
 C-PLACE4000261//PEREGRIN (BR140 PROTEIN).//9.50E-10//128aa//34%//P55201
 C-PLACE4000269//Rattus norvegicus rexo70 mRNA, complete cds.//0//2034bp//89%//AF032667
 C-PLACE4000326//NAM7 PROTEIN (NONSENSE-MEDIATED MRNA DECAY PROTEIN 1) (UP-FRAMESHIFT SUPPRESSOR 1).//8.10E-24//319aa//31%//P30771
 40 C-PLACE4000369//Homo sapiens thyroid hormone receptor-associated protein complex component TRAP240 mRNA, complete cds.//1.40E-185//1135bp//67%//AF117754
 C-PLACE4000401//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- ACTIVATING ENZYME).//7.20E-22//54aa//62%//Q01576
 C-PLACE4000431//H.sapiens gene for U5 snRNP-specific 200kD protein.//0//5142bp//90%//Z70200
 45 C-PLACE4000450//Homo sapiens BAZ2A mRNA for bromodomain adjacent to zinc finger domain 2A, complete cds.//0//5709bp//96%//AB032254
 C-PLACE4000489//PROTEIN GRAINY-HEAD (DNA-BINDING PROTEIN ELF-1) (ELEMENT I-BINDING ACTIVITY) (TRANSCRIPTION FACTOR NTF-1).//7.70E-60//254aa//44%//P13002
 C-PLACE4000522//NEUROGENIC LOCUS NOTCH PROTEIN HOMOLOG PRECURSOR (XOTCH PROTEIN).//2.40E-191//828aa//48%//P21783
 50 C-PLACE4000548//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA-GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//8.70E-13//784aa//21%//P08640
 C-PLACE4000558//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE FAF (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE FAF) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE FAF) (DEUBIQUITINATING ENZYME FAF) (FAT FACETS PROTEIN).//1.50E-26//252aa//35%//P55824
 55 C-PLACE4000581//FIBROPELLIN I PRECURSOR (EPIDERMAL GROWTH FACTOR-RELATED PROTEIN 1) (UEGF-1).//9.30E-70//226aa//52%//P10079
 C-PLACE4000650//TUBERIN (TUBEROUS SCLEROSIS 2 HOMOLOG PROTEIN).//7.90E-17//201aa//34%//

P49816

C-PLACE4000654//Mus musculus mRNA for ubiquitin conjugating enzyme.//0//6340bp//87%//Y17267

C-SKNMC1000011//PUTATIVE IMPORTIN BETA-4 SUBUNIT (KARYOPHERIN BETA-4 SUBUNIT).//5.50E-35//431aa//29%//O60100

5 C-SKNMC1000013//Homo sapiens ATP-binding cassette protein M-ABC1 mRNA, nuclear gene encoding mitochondrial protein, complete cds.//7//2384bp//99%//AF047690

C-SKNMC1000046//Homo sapiens liprin-alpha3 mRNA, partial cds.//1.90E-162//749bp//99%//AF034800

C-SKNMC1000050//CALPAIN 2, LARGE [CATALYTIC] SUBUNIT (EC 3.4.22.17) (CALCIUM-ACTIVATED NEUTRAL PROTEINASE) (CANP) (M-TYPE).//3.20E-41//87aa//98%//P17655

10 C-SKNMC1000091//Homo sapiens mRNA for leucine-zipper protein, complete cds.//6.10E-190//872bp//99%//AB021663

C-THYRO1000034//TRICHOHYALIN.//9.40E-10//176aa//30%//P37709

C-THYRO1000072//MYOSIN UGHT CHAIN KINASE, SMOOTH MUSCLE AND NON-MUSCLE ISOZYMES (EC 2.7.1.117) (MLCK) [CONTAINS: TELOKIN].//3.40E-16//201aa//29%//P11799

15 C-THYRO1000085//PAIRED BOX PROTEIN PAX-8, ISOFORMS 8A/8B.//2.00E-72//155aa//92%//Q06710

C-THYRO1000121//Rattus norvegicus CTD-binding SR-like protein rA8 mRNA, complete cds.//0//1737bp//87%//U49055

C-THYRO1000132//Homo sapiens echinoderm microtubule-associated protein homolog HuEMAP mRNA, complete cds.//1.10E-159//824bp//95%//U97018

20 C-THYRO1000173//Homo sapiens AP-mu chain family member mu1B (HSMU1B) mRNA, complete cds.//0//1713bp//99%//AF020797

C-THYRO1000197//Homo sapiens mRNA for poly(A)-specific ribonuclease.//0//2362bp//99%//AJ005698

C-THYRO1000242//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//5.00E-118//239aa//66%//P51523

25 C-THYRO1000288//Homo sapiens mRNA for Hs Ste24p, complete cds.//0//2161bp//99%//AB016068

C-THY-RO1000327//Homo sapiens autocrine motility factor receptor (AMFR) mRNA, complete cds.//0//1567bp//99%//AF124145

C-THYRO1000343//ATROPHIN-1 (DENTATORUBRAL-PALUDOLUYSIAN ATROPHY PROTEIN).//4.90E-06//280aa//31%//P54259

30 C-THYRO1000358//SELENIUM-BINDING LIVER PROTEIN.//2.30E-229//237aa//79%//P17563

C-THYRO1000394//Homo sapiens peroxisomal membrane protein PMP 24 mRNA, complete cds.//1.20E-299//1325bp//99%//AF072864

C-THYRO1000395//Homo sapiens actin-binding protein (IPP) mRNA, complete cds.//0//2092bp//99%//AF156857

C-THYRO1000401//Human TcD37 homolog (HTcD37) mRNA, partial cds.//1.10E-90//430bp//99%//U67085

35 C-THYRO1000488//Homo sapiens HFB30 mRNA, complete cds.//0//2254bp//100%//AB022663

C-THYRO1000501//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A))(RO(SS-A)).//4.20E-98//408aa//42%//P19474

C-THYRO1000569//Mus musculus hematopoietic zinc finger protein mRNA, complete cds.//0//1557bp//91%//AF118566

40 C-THYRO1000585//Homo sapiens protein associated with Myc mRNA, complete cds.//0//1901bp//99%//AF075587

C-THYRO1000605//Homo sapiens histone acetyltransferase (HBOa) mRNA, complete cds.//0//3080bp//99%//AF140360

45 C-THYRO1000662//Homo sapiens XPV mRNA for DNA polymerase eta, complete cds.//0//2341 bp//99%//AB024313

C-THYRO1000666//Mus musculus mRNA for kinesin like protein 9.//0//2001bp//86%//AJ132889

C-THYRO1000684//Homo sapiens BAG-family molecular chaperone regulator-5 mRNA, complete cds.//0//3347bp//99%//AF095195

50 C-THYRO1000748//RHO-GAP HEMATOPOIETIC PROTEIN C1 (P115) (KIAA0131).//3.30E-96//335aa//52%//P98171

C-THYRO1000756//ALPHA-N-ACETYLGALACTOSAMINIDE ALPHA-2,6-SIALYLTRANSFERASE (EC 2.4.99.-) (ST6GALNACIII)(STY).//1.80E-55//243aa//42%//Q64686

C-THYRO1000783//Xenopus laevis tail-specific thyroid hormone up-regulated (gene 5) mRNA, complete cds.//2.40E-157//1656bp//70%//U37373

55 C-THYRO1000852//Human branched-chain amino acid aminotransferase (ECA40) mRNA, complete cds.//1.40E-137//689bp//96%//U62739

C-THYRO1000926//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds.//0//2387bp//99%//AF079529

- C-THYRO11000934//PYRROLINE-5-CARBOXYLATE REDUCTASE (EC 1.5.1.2) (P5CR) (P5C REDUCTASE).//7.50E-57//315aa//43%//P32322
- C-THYRO1000951//DIHYDROXYACETONE KINASE 2 (EC 2.7.1.29) (GLYCERONE KINASE).//5.00E-83//566aa//37%//P43550
- 5 C-THYRO1000983//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 9 (EC 6.3.2.19) (UBIQUITIN-PROTEIN LIGASE 9) (UBIQUITIN CARRIER PROTEIN 9) (UBCAT4B).//6.30E-17//143aa//39%//P35132
- C-THYRO1001003//UBIQUITIN-CONJUGATING ENZYME E2-21.2 KD (EC 6.3.2.19) (UBIQUITIN-PROTEIN UGASE) (UBIQUITIN CARRIER PROTEIN).//5.90E-14//84aa//41%//P52491
- C-THYRO1001033//TRANSFORMATION-SENSITIVE PROTEIN IEF SSP 3521.//8.40E-12//167aa//29%//P31948
- 10 C-THYRO1001100//ZINC FINGER X-UNKEKED PROTEIN ZXDA (FRAGMENT).//1.20E-67//245aa//62%//P98168
- C-THYRO1001120//Homo sapiens deltex (Dx) mRNA, complete cds.//1.30E-110//1947bp//65%//AF053700
- C-THYRO1001134//Homo sapiens CGI-78 protein mRNA, complete cds.//0//1898bp//99%//AF151835
- C-THYRO1001189//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//1.10E-200//546aa//62%//Q05481
- 15 C-THYRO1001204//Homo sapiens cathepsin Z precursor (CTS2) gene, exons 4, 5, and 6 and complete cds; and TH1 gene partial sequence.//3.80E-100//478bp//99%//AF136276
- C-THYRO1001287//MANNOSYL-OLIGOSACCHARIDE ALPHA-1,2-MANNOSIDASE (EC 3.2.1.113) (MAN(9)-ALPHA-MANNOSIDASE) (FRAGMENT).//3.40E-51//429aa//33%//P45701
- C-THYRO1001313//Homo sapiens sorting nexin 11 (SNX11) mRNA, complete cds.//0//2330bp//94%//AF121861
- 20 C-THYRO1001347//Homo sapiens RAN binding protein 16 mRNA, complete cds.//2.00E-263//3101bp//68%//AF064729
- C-THYRO1001374//CYTOSOLIC ACYL COENZYME A THIOESTER HYDROLASE (EC 3.1.2.2) (LONG CHAIN ACYL-COA THIOESTER HYDROLASE) (CTE-II).//1.80E-13//361aa//22%//O00154
- C-THYRO1001405//PLECTIN.//6.90E-19//450aa//27%//P30427
- 25 C-THYRO1001406//PUTATIVE STEROID DEHYDROGENASE KIK-I (EC 1.1.1.-).//1.10E-131//219aa//81%//O70503
- C-THYRO1001458//MYOSIN HEAVY CHAIN, NONMUSCLE TYPE B (CELLULAR MYOSIN HEAVY CHAIN, TYPE B) (NMMHC-B).//2.70E-171//559aa//59%//P35580
- C-THYRO1001617//Homo sapiens cDNA for dihydroxyacetone phosphate acyltransferase (DAP-AT).//0//1784bp//99%//AJ002190
- 30 C-THYRO1001656//Homo sapiens Leman coiled-coil protein (LCCP) mRNA, complete cds.//4.10E-273//1947bp//82%//AF175968
- C-THYRO1001671//Homo sapiens mRNA for 2'-5' oligoadenylate synthetase 59 kDa isoform.//0//1820bp//99%//AJ225089
- 35 C-THYRO1001703//NIFR3-LIKEPROTEIN.//2.90E-32//282aa//32%//P45672
- C-THYRO1001721//RING CANAL PROTEIN (KELCH PROTEIN).//9.30E-34//220aa//38%//Q04652
- C-THYRO1001738//TUBULIN-TYROSINE LIGASE (EC 6.3.2.25) (TTL).//2.40E-20//217aa//30%//P38584
- C-THYRO1001809//MYOCYTE NUCLEAR FACTOR (MNF).//1.40E-74//158aa//89%//P42128
- C-Y79AA1000013//Mus musculus RING finger protein A07 mRNA, complete cds.//8.90E-205//1435bp//81%//AF171060
- 40 C-Y79AA1000033//Homo sapiens CARD4 mRNA, complete cds.//0//2929bp//96%//AF126484
- C-Y79AA1000037//DNA-BINDING PROTEIN BMI-1.//2.40E-30//80aa//60%//P25916
- C-Y79AA1000059//Homo sapiens aryl-hydrocarbon interacting protein-like 1 (AIP1) gene, complete cds.//0//980bp//96%//AF180472
- 45 C-Y79AA1000181//Homo sapiens CGI-01 protein mRNA, complete cds.//0//1858bp//99%//AF132936
- C-Y79AA1000214//Homo sapiens histone H2A.F/Z variant (H2AV) mRNA, complete cds.//7.10E-71//345bp//100%//AF081192
- C-Y79AA1000231//Homo sapiens nucleolar protein NOP5/NOP58 mRNA, complete cds.//0//1515bp//99%//AF123534
- 50 C-Y79AA1000268//Mus musculus Nip21 mRNA, complete cds.//2.10E-50//648bp//64%//AF035207
- C-Y79AA1000313//CALPHOTIN.//0.000011//336aa//23%//Q02910
- C-Y79AA1000328//SEL-10 PROTEIN.//0.000000067//219aa//25%//Q93794
- C-Y79AA1000342//Homo sapiens Ciz1 mRNA, complete cds.//0//2644bp//81%//AB030835
- C-Y79AA1000346//Homo sapiens nonclathrin coat protein gamma2-COP mRNA, complete cds.//0//2520bp//99%//AF157833
- 55 C-Y79AA1000349//M.musculus Spnr mRNA for RNA binding protein.//0//2048bp//93%//X84692
- C-Y79AA1000368//REDUCED VIABILITY UPON STARVATION PROTEIN 161.//4.00E-20//261aa//27%//P25343
- C-Y79AA1000469//Mus musculus ancient ubiquitous 46 kDa protein AUP1 precursor (Aup1) mRNA, complete

cds.//8.30E-252//1207bp//85%//U41736
 C-Y79AA1000540//CELL POLARITY PROTEIN TEA1.//2.10E-12//211aa//33%//P87061
 C-Y79AA1000560//ALPHA-ADAPTIN C (CLATHRIN ASSEMBLY PROTEIN COMPLEX 2 ALPHA-C LARGE CHAIN) (100 KD COATED VESICLE PROTEIN C) (PLASMA MEMBRANE ADAPTOR HA2/AP2 ADAPTIN ALPHA C SUBUNIT)7/0//652aa//98%//P17427
 5 C-Y79AA1000589//32.3 KD PROTEIN IN CWP1-MBR1 INTERGENIC REGION.//2.40E-27//216aa//34%//P28320
 C-Y79AA1000627//Homo sapiens zinc finger protein (ZF5128) mRNA, complete cds.//2.00E-287//2031bp//82%//AF060503
 C-Y79AA1000705//M.musculus mRNA of enhancer-trap-locus 1.//5.80E-254//1477bp//84%//X69942
 10 C-Y79AA1000734//Homo sapiens peroxisomal biogenesis factor (PEX11b) mRNA, complete cds.//0//1594bp//99%//AF093670
 C-Y79AA1000748//Rattus norvegicus clone C42 CDK5 activator-binding protein mRNA, complete cds.//6.60E-286//1832bp//84%//AF177477
 C-Y79AA1000752//PUTATIVE HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN X (HNRNP X) (CBP).//4.90E-91//200aa//64%//Q61990
 15 C-Y79AA1000782//CYTOSOLIC PURINE 5'-NUCLEOTIDASE (EC 3.1.3.5).//3.00E-37//469aa//27%//P49902
 C-Y79AA1000784//Homo sapiens RanBP7/importin 7 mRNA, complete cds.//1.10E-236//1076bp//99%//AF098799
 C-Y79AA1000794//Homo sapiens actin-associated protein 2E4/kaptin (2E4) mRNA, 2E4-1 allele, complete cds.//0//1610bp//99%//AF105369
 20 C-Y79AA1000800//Homo sapiens putative secreted protein (ZS11) mRNA, complete cds.//1.60E-284//1288bp//99%//AF072733
 C-Y79AA1000833//TUBULIN ALPHA-1 CHAIN.//5.00E-173//220aa//79%//P05209
 C-Y79AA1000962//MYOSIN HEAVY CHAIN, NON-MUSCLE (ZIPPER PROTEIN) (MYOSIN II)7/4.20E-17//430aa//27%//Q99323
 25 C-Y79AA1000966//Homo sapiens COP9 complex subunit 4 mRNA, complete cds.//0//1586bp//99%//AF100757
 C-Y79AA1000968//Rattus norvegicus initiation factor eIF-2B gamma subunit (eIF-2B gamma) mRNA, complete cds.//3.90E-248//1468bp//87%//U38253
 C-Y79AA1000985//Human centrosomal protein kendrin mRNA, complete cds.//4.70E-151//985bp//87%//U52962
 30 C-Y79AA1001048//ACYL-COA DEHYDROGENASE, VERY-LONG-CHAIN SPECIFIC PRECURSOR (EC 1.3.99.-) (VLCAD).//3.10E-138//583aa//47%//P45953
 C-Y79AA1001211//Homo sapiens origin recognition complex subunit 6 (ORC6) mRNA, complete cds.//0//1435bp//99%//AF139658
 C-Y79AA1001233//ESTRADIOL 17 BETA-DEHYDROGENASE 1 (EC 1.1.1.62) (17-BETA-HSD 1) (17-BETA-HYDROXYSTEROID DEHYDROGENASE 1).//7.70E-50//228aa//42%//P51657
 35 C-Y79AA1001236//Homo sapiens cell division protein mRNA, complete cds.//0//1612bp//99%//AF063015
 C-Y79AA1001299//Homo sapiens mRNA for integrase interactor 1b protein (INI1B).//0//996bp//99%//AJ011738
 C-Y79AA1001312//ZINC FINGER PROTEIN MLZ-4 (ZINC FINGER PROTEIN 46).//0.000000023//193aa//30%//Q03309
 40 C-Y79AA1001323//Mus musculus mRNA for GSG1, complete cds.//3.30E-172//1171bp//83%//D87325
 C-Y79AA1001384//Homo sapiens very large G-protein coupled receptor-1 (VLGR1) mRNA, complete cds.//0//4708bp//99%//AF055084
 C-Y79AA1001391//HOMEBOX PROTEIN HOX-A13 (HOX-1J).//1.20E-58//178aa//66%//P31271
 C-Y79AA1001394//CELL DIVISION PROTEIN FTSH HOMOLOG (EC 3.4.24.-).//1.20E-13//230aa//32%//O83746
 45 C-Y79AA1001402//Homo sapiens paraneoplastic cancer-testis-brain antigen (MA4) mRNA, partial cds.//8.50E-65//784bp//62%//AF083115
 C-Y79AA1001493//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 9 (EC 6.3.2.19) (UBIQUITIN-PROTEIN LIGASE 9) (UBIQUITIN CARRIER PROTEIN 9) (UBCAT4B).//3.80E-18//151aa//38%//P35132
 C-Y79AA1001533//Mouse mRNA for RNA polymerase I associated factor (PAF53), complete cds.//4.50E-193//1333bp//80%//D14336
 50 C-Y79AA1001548//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA (EC 2.7.1.67) (PI4-KINASE) (PTDINS-4-KINASE) (PI4K-ALPHA).//7.50E-76//85aa//90%//P42356
 C-Y79AA1001581//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE-COA LIGASE) (ACYL-AC-TIVATING ENZYME).//1.90E-40//482aa//27%//P27550
 55 C-Y79AA1001594//HYALURONAN-MEDIATED MOTILITY RECEPTOR (HYALURONIC ACID RECEPTOR).//2.50E-14//410aa//24%//Q00547
 C-Y79AA1001603//POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE (EC 2.4.1.41) (PROTEIN-UDP ACETYL GALACTOSAMINYLTRANSFERASE) (UDP-GALNAC:POLYPEPTIDE, N- ACETYL GALACTOS-

AMINYLTRANSFERASE) (GALNAC-T1).//1.70E-84//313aa//48%//Q07537
 C-Y79AA1001613//ZINC FINGER PROTEIN 132.//3.80E-91//209aa//41%//P52740
 C-Y79AA1001679//Homo sapiens lambda-crystallin mRNA, complete cds.//3.4e-310//1430bp//98%//AF077049
 C-Y79AA1001692//Mus musculus strain C57BL/J germ cell-less protein (Gc1) mRNA, complete cds.//1.40E-78//
 5 227aa//40%//Q01820
 C-Y79AA1001705//Homo sapiens p53 regulated PA26-T2 nuclear protein (PA26) mRNA, complete cds.//3.40E-
 47//626bp//68%//AF033120
 C-Y79AA1001711//Human 60-kdal ribonucleoprotein (Ro) mRNA, complete cds.//1.20E-258//1185bp//99%//
 J04137
 10 C-Y79AA1001827//Homo sapiens mammalian inositol hexakisphosphate kinase 2 (IP6K2) mRNA, complete cds.//
 0//1689bp//98%//AF177145
 C-Y79AA1001866//Homo sapiens zinc finger protein ZNF180 (ZNF180) mRNA, complete cds.//0//2927bp//97%//
 AF192913
 C-Y79AA1001874//OX40L RECEPTOR PRECURSOR (ACT35 ANTIGEN) (TAX-TRANSCRIPTIONALLY ACTI-
 15 VATED GLYCOPROTEIN 1 RECEPTOR) (CD134 ANTIGEN).//4.50E-08//135aa//31%//P43489
 C-Y79AA1001875//RAS-RELATED PROTEIN RAB-7.//9.40E-12//34aa//97%//P51149
 C-Y79AA1001923//Homo sapiens F-box protein Fbx22 (FBX22) gene, partial cds.//7.10E-52//279bp//97%//
 AF174602
 C-Y79AA1001963//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE
 20 SPAC10F6.02C.//1.00E-10//94aa//47%//Q42643
 C-Y79AA1002027//UBIQUITIN-CONJUGATING ENZYME E2-18 KD (EC 6.3.2.19) (UBIQUITIN- PROTEIN
 LIGASE) (UBIQUITIN CARRIER PROTEIN) (PM42).//9.90E-39//143aa//52%//P42743
 C-Y79AA1002083//H.sapiens mRNA for MUF1 protein.//5.00E-163//752bp//99%//X86018
 C-Y79AA1002103//ZINC FINGER PROTEIN ZFP-36 (FRAGMENT).//3.00E-257//549aa//76%//P16415
 25 C-Y79AA1002139//DNAJ PROTEIN HOMOLOG 1 (DROJ1).//9.00E-17//120aa//45%//Q24133
 C-Y79AA1002204//COMPLEXIN 2 (SYNAPHIN 1) (921-L).//7.50E-09//131aa//35%//Q13329
 C-Y79AA1002208//ANKYRIN.//8.10E-34//188aa//38%//Q02357
 C-Y79AA1002209//TYROSYL-TRNA SYNTHETASE (EC 6.1.1.1) (TYROSINE-TRNA LIGASE) (TYRRS).//1.60E-
 72//437aa//39%//P00952
 30 C-Y79AA1002210//TUMOR NECROSIS FACTOR, ALPHA-INDUCED PROTEIN 1, ENDOTHELIAL (B12 PRO-
 TEIN).//0.0000018//140aa//25%//Q13829
 C-Y79AA1002211//PHOSPHATIDYLETHANOLAMINE-BINDING PROTEIN HOMOLOG F40A3.3.//1.70E-17//
 146aa//35%//O16264
 C-Y79AA1002229//DNA CROSS-LINK REPAIR PROTEIN PSO2/SNM1.//7.10E-17//213aa//31%//P30620
 35 C-Y79AA1002246//SYNAPTOTAGMIN V.//1.60E-28//286aa//32%//O00445
 C-Y79AA1002258//Homo sapiens mRNA for HIP1R, complete cds.//0//2106bp//99%//AB013384
 C-Y79AA1002307//Homo sapiens astrotactin2 (ASTN2) mRNA, complete cds.//0//1209bp//99%//AF116574
 C-Y79AA1002311//R.norvegicus mRNA for cytosolic resiniferatoxin-binding protein.//2.90E-186//1130bp//82%//
 X67877
 40 C-Y79AA1002361//Rattus norvegicus mRNA for protein phosphatase 1 (GL-subunit).//6.90E-140//966bp//82%//
 Y18208
 C-Y79AA1002399//Homo sapiens mRNA for sperm protein.//0//1163bp//95%//X91879
 C-Y79AA1002416//Mus musculus CTP synthetase homolog (CTPsH) mRNA, complete cds.//3.9e-317//1902bp//
 86%//U49385
 45 C-Y79AA1002431//TRANSDUCIN-LIKE ENHANCER PROTEIN 2 (ESG2).//9.80E-62//318aa//35%//Q04725
 C-Y79AA1002433//Homo sapiens chromatin- specific transcription elongation factor FACT 140 kDa subunit mR-
 NA, complete cds.//0//1545bp//96%//AF152961
 C-Y79AA1002472//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//1.50E-136//472aa//
 49%//Q05481
 50 C-Y79AA1002482//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//2.70E-137//340aa//
 51%//Q05481
 C-Y79AA1002487//Homo sapiens chromosome 5 F-box protein Fbx4 (FBX4) mRNA, complete cds.//7.3e-311//
 1444bp//98%//AF129534

55

Claims

1. Use of an oligonucleotide as a primer for synthesizing the polynucleotide comprising the nucleotide sequence set

forth in any one of SEQ ID NOs: 1-5547 and SEQ ID NOs: 16111-16164, or the complementary strand thereof, wherein said oligonucleotide is complementary to said polynucleotide or the complementary strand thereof and comprises at least 15 nucleotides.

- 5 2. A primer set for synthesizing polynucleotides, the primer set comprising an oligo-dT primer and an oligonucleotide complementary to the complementary strand of the polynucleotide comprising the nucleotide sequence set forth in any one of SEQ ID NOs: 1-5547 and SEQ ID NOs: 16111-16164, wherein said oligonucleotide comprises at least 15 nucleotides.
- 10 3. A primer set for synthesizing polynucleotides, the primer set comprising a combination of an oligonucleotide comprising a nucleotide sequence complementary to the complementary strand of the polynucleotide comprising a 5'-end nucleotide sequence and an oligonucleotide comprising a nucleotide sequence complementary to the polynucleotide comprising a 3'-end nucleotide sequence, wherein said oligonucleotides comprise at least 15 nucleotides and wherein said combination of 5'-end nucleotide sequence 3'-end nucleotide sequence is selected from the group consisting of:

SEQ ID NO: 1 / SEQ ID NO: 5548, SEQ ID NO: 4 / SEQ ID NO: 5549, SEQ ID NO: 5 / SEQ ID NO: 5550, SEQ ID NO: 6 / SEQ ID NO: 5551, SEQ ID NO: 7 / SEQ ID NO: 5552, SEQ ID NO: 8 / SEQ ID NO: 5553, SEQ ID NO: 9 / SEQ ID NO: 5554, SEQ ID NO: 10 / SEQ ID NO: 5555, SEQ ID NO: 11 / SEQ ID NO: 5556, SEQ ID NO: 12 / SEQ ID NO: 5557, SEQ ID NO: 13 / SEQ ID NO: 5558, SEQ ID NO: 14 / SEQ ID NO: 5559, SEQ ID NO: 15 / SEQ ID NO: 5560, SEQ ID NO: 16 / SEQ ID NO: 5561, SEQ ID NO: 17 / SEQ ID NO: 5562, SEQ ID NO: 18 / SEQ ID NO: 5563, SEQ ID NO: 19 / SEQ ID NO: 5564, SEQ ID NO: 20 / SEQ ID NO: 5565, SEQ ID NO: 21 / SEQ ID NO: 5566, SEQ ID NO: 22 / SEQ ID NO: 5567, SEQ ID NO: 23 / SEQ ID NO: 5568, SEQ ID NO: 24 / SEQ ID NO: 5569, SEQ ID NO: 25 / SEQ ID NO: 5570, SEQ ID NO: 26 / SEQ ID NO: 5571, SEQ ID NO: 27 / SEQ ID NO: 5572, SEQ ID NO: 28 / SEQ ID NO: 5573, SEQ ID NO: 29 / SEQ ID NO: 5574, SEQ ID NO: 30 / SEQ ID NO: 5575, SEQ ID NO: 31 / SEQ ID NO: 5576, SEQ ID NO: 32 / SEQ ID NO: 5577, SEQ ID NO: 33 / SEQ ID NO: 5578, SEQ ID NO: 34 / SEQ ID NO: 5579, SEQ ID NO: 35 / SEQ ID NO: 5580, SEQ ID NO: 37 / SEQ ID NO: 5581, SEQ ID NO: 38 / SEQ ID NO: 5582, SEQ ID NO: 39 / SEQ ID NO: 5583, SEQ ID NO: 40 / SEQ ID NO: 5584, SEQ ID NO: 42 / SEQ ID NO: 5585, SEQ ID NO: 43 / SEQ ID NO: 5586, SEQ ID NO: 44 / SEQ ID NO: 5587, SEQ ID NO: 45 / SEQ ID NO: 5588, SEQ ID NO: 46 / SEQ ID NO: 5589, SEQ ID NO: 47 / SEQ ID NO: 5590, SEQ ID NO: 48 / SEQ ID NO: 5591, SEQ ID NO: 49 / SEQ ID NO: 5592, SEQ ID NO: 50 / SEQ ID NO: 5593, SEQ ID NO: 51 / SEQ ID NO: 5594, SEQ ID NO: 52 / SEQ ID NO: 5595, SEQ ID NO: 53 / SEQ ID NO: 5596, SEQ ID NO: 54 / SEQ ID NO: 5597, SEQ ID NO: 55 / SEQ ID NO: 5598, SEQ ID NO: 56 / SEQ ID NO: 5599, SEQ ID NO: 57 / SEQ ID NO: 5600, SEQ ID NO: 58 / SEQ ID NO: 5601, SEQ ID NO: 59 / SEQ ID NO: 5602, SEQ ID NO: 60 / SEQ ID NO: 5603, SEQ ID NO: 61 / SEQ ID NO: 5604, SEQ ID NO: 62 / SEQ ID NO: 5605, SEQ ID NO: 63 / SEQ ID NO: 5606, SEQ ID NO: 65 / SEQ ID NO: 5607, SEQ ID NO: 66 / SEQ ID NO: 5608, SEQ ID NO: 67 / SEQ ID NO: 5609, SEQ ID NO: 68 / SEQ ID NO: 5610, SEQ ID NO: 69 / SEQ ID NO: 5611, SEQ ID NO: 70 / SEQ ID NO: 5612, SEQ ID NO: 71 / SEQ ID NO: 5613, SEQ ID NO: 72 / SEQ ID NO: 5614, SEQ ID NO: 74 / SEQ ID NO: 5615, SEQ ID NO: 76 / SEQ ID NO: 5616, SEQ ID NO: 77 / SEQ ID NO: 5617, SEQ ID NO: 78 / SEQ ID NO: 5618, SEQ ID NO: 79 / SEQ ID NO: 5619, SEQ ID NO: 80 / SEQ ID NO: 5620, SEQ ID NO: 81 / SEQ ID NO: 5621, SEQ ID NO: 82 / SEQ ID NO: 5622, SEQ ID NO: 83 / SEQ ID NO: 5623, SEQ ID NO: 84 / SEQ ID NO: 5624, SEQ ID NO: 85 / SEQ ID NO: 5625, SEQ ID NO: 86 / SEQ ID NO: 5626, SEQ ID NO: 87 / SEQ ID NO: 5627, SEQ ID NO: 88 / SEQ ID NO: 5628, SEQ ID NO: 89 / SEQ ID NO: 5629, SEQ ID NO: 90 / SEQ ID NO: 5630, SEQ ID NO: 91 / SEQ ID NO: 5631, SEQ ID NO: 92 / SEQ ID NO: 5632, SEQ ID NO:

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

5
10
15
20
25
30
35
40
45
50
55

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

5
10
15
20
25
30
35
40
45
50
55

[illegible]

[illegible]

[illegible]

5 SEQ ID NO: 7627, SEQ ID NO: 2408 / SEQ ID NO: 7628, SEQ ID NO: 2409 / SEQ ID NO:
 7629, SEQ ID NO: 2410 / SEQ ID NO: 7630, SEQ ID NO: 2411 / SEQ ID NO: 7631, SEQ ID
 NO: 2412 / SEQ ID NO: 7632, SEQ ID NO: 2413 / SEQ ID NO: 7633, SEQ ID NO: 2414 /
 SEQ ID NO: 7634, SEQ ID NO: 2415 / SEQ ID NO: 7635, SEQ ID NO: 2416 / SEQ ID NO:
 10 7636, SEQ ID NO: 2417 / SEQ ID NO: 7637, SEQ ID NO: 2418 / SEQ ID NO: 7638, SEQ ID
 NO: 2419 / SEQ ID NO: 7639, SEQ ID NO: 2420 / SEQ ID NO: 7640, SEQ ID NO: 2421 /
 SEQ ID NO: 7641, SEQ ID NO: 2422 / SEQ ID NO: 7642, SEQ ID NO: 2423 / SEQ ID NO:
 7643, SEQ ID NO: 2424 / SEQ ID NO: 7644, SEQ ID NO: 2425 / SEQ ID NO: 7645, SEQ ID
 15 NO: 2426 / SEQ ID NO: 7646, SEQ ID NO: 2427 / SEQ ID NO: 7647,
 SEQ ID NO: 2428 / SEQ ID NO: 7648, SEQ ID NO: 2429 / SEQ ID NO: 7649, SEQ ID NO:
 2430 / SEQ ID NO: 7650, SEQ ID NO: 2431 / SEQ ID NO: 7651, SEQ ID NO: 2432 / SEQ ID
 NO: 7652, SEQ ID NO: 2433 / SEQ ID NO: 7653, SEQ ID NO: 2435 / SEQ ID NO: 7654, SEQ
 ID NO: 2436 / SEQ ID NO: 7655, SEQ ID NO: 2437 / SEQ ID NO: 7656, SEQ ID NO: 2438 /
 20 SEQ ID NO: 7657, SEQ ID NO: 2439 / SEQ ID NO: 7658, SEQ ID NO: 2440 / SEQ ID NO:
 7659, SEQ ID NO: 2441 / SEQ ID NO: 7660, SEQ ID NO: 2442 / SEQ ID NO: 7661, SEQ ID
 NO: 2443 / SEQ ID NO: 7662, SEQ ID NO: 2444 / SEQ ID NO: 7663, SEQ ID NO: 2445 /
 SEQ ID NO: 7664, SEQ ID NO: 2446 / SEQ ID NO: 7665, SEQ ID NO: 2447 / SEQ ID NO:
 25 7666, SEQ ID NO: 2448 / SEQ ID NO: 7667, SEQ ID NO: 2451 / SEQ ID NO: 7668, SEQ ID
 NO: 2452 / SEQ ID NO: 7669, SEQ ID NO: 2453 / SEQ ID NO: 7670, SEQ ID NO: 2455 /
 SEQ ID NO: 7671, SEQ ID NO: 2572 / SEQ ID NO: 7672, SEQ ID NO: 2573 / SEQ ID NO:
 7673, SEQ ID NO: 2575 / SEQ ID NO: 7674, SEQ ID NO: 2576 / SEQ ID NO: 7675, SEQ ID
 NO: 2578 / SEQ ID NO: 7676, SEQ ID NO: 2579 / SEQ ID NO: 7677, SEQ ID NO: 2580 /
 30 SEQ ID NO: 7678, SEQ ID NO: 2581 / SEQ ID NO: 7679, SEQ ID NO: 2582 / SEQ ID NO:
 7680, SEQ ID NO: 2583 / SEQ ID NO: 7681, SEQ ID NO: 2584 / SEQ ID NO: 7682, SEQ ID
 NO: 2585 / SEQ ID NO: 7683, SEQ ID NO: 2586 / SEQ ID NO: 7684, SEQ ID NO: 2587 /
 SEQ ID NO: 7685, SEQ ID NO: 2588 / SEQ ID NO: 7686, SEQ ID NO: 2589 / SEQ ID NO:
 35 7687, SEQ ID NO: 2590 / SEQ ID NO: 7688, SEQ ID NO: 2591 / SEQ ID NO: 7689, SEQ ID
 NO: 2592 / SEQ ID NO: 7690, SEQ ID NO: 2593 / SEQ ID NO: 7691, SEQ ID NO: 2594 /
 SEQ ID NO: 7692, SEQ ID NO: 2595 / SEQ ID NO: 7693, SEQ ID NO: 2596 / SEQ ID NO:
 7694, SEQ ID NO: 2597 / SEQ ID NO: 7695, SEQ ID NO: 2598 / SEQ ID NO: 7696, SEQ ID
 NO: 2599 / SEQ ID NO: 7697, SEQ ID NO: 2601 / SEQ ID NO: 7698, SEQ ID NO: 2602 /
 40 SEQ ID NO: 7699, SEQ ID NO: 2603 / SEQ ID NO: 7700, SEQ ID NO: 2604 / SEQ ID NO:
 7701, SEQ ID NO: 2606 / SEQ ID NO: 7702, SEQ ID NO: 2607 / SEQ ID NO: 7703, SEQ ID
 NO: 2608 / SEQ ID NO: 7704, SEQ ID NO: 2609 / SEQ ID NO: 7705, SEQ ID NO: 2610 /
 SEQ ID NO: 7706, SEQ ID NO: 2611 / SEQ ID NO: 7707, SEQ ID NO: 2612 / SEQ ID NO:
 45 7708, SEQ ID NO: 2613 / SEQ ID NO: 7709, SEQ ID NO: 2614 / SEQ ID NO: 7710, SEQ ID
 NO: 2616 / SEQ ID NO: 7711, SEQ ID NO: 2617 / SEQ ID NO: 7712, SEQ ID NO: 2618 /
 SEQ ID NO: 7713, SEQ ID NO: 2619 / SEQ ID NO: 7714, SEQ ID NO: 2620 / SEQ ID NO:
 7715, SEQ ID NO: 2621 / SEQ ID NO: 7716, SEQ ID NO: 2623 / SEQ ID NO: 7717, SEQ ID
 NO: 2624 / SEQ ID NO: 7718, SEQ ID NO: 2625 / SEQ ID NO: 7719, SEQ ID NO: 2626 /
 50 SEQ ID NO: 7720, SEQ ID NO: 2628 / SEQ ID NO: 7721, SEQ ID NO: 2629 / SEQ ID NO:
 7722, SEQ ID NO: 2630 / SEQ ID NO: 7723, SEQ ID NO: 2631 / SEQ ID NO: 7724, SEQ ID
 NO: 2632 / SEQ ID NO: 7725, SEQ ID NO: 2633 / SEQ ID NO: 7726, SEQ ID NO: 2634 /
 SEQ ID NO: 7727, SEQ ID NO: 2635 / SEQ ID NO: 7728, SEQ ID NO: 2636 / SEQ ID NO:
 7729, SEQ ID NO: 2637 / SEQ ID NO: 7730, SEQ ID NO: 2638 / SEQ ID NO: 7731, SEQ ID
 NO: 2639 / SEQ ID NO: 7732, SEQ ID NO: 2640 / SEQ ID NO: 7733, SEQ ID NO: 2641 /
 55 SEQ ID NO: 7734, SEQ ID NO: 2642 / SEQ ID NO: 7735, SEQ ID NO: 2643 / SEQ ID NO:
 7736, SEQ ID NO: 2644 / SEQ ID NO: 7737, SEQ ID NO: 2645 / SEQ ID NO: 7738, SEQ ID
 NO: 2646 / SEQ ID NO: 7739, SEQ ID NO: 2648 / SEQ ID NO: 7740, SEQ ID NO: 2649 /
 SEQ ID NO: 7741, SEQ ID NO: 2650 / SEQ ID NO: 7742, SEQ ID NO: 2651 / SEQ ID NO:
 7743, SEQ ID NO: 2652 / SEQ ID NO: 7744, SEQ ID NO: 2653 / SEQ ID NO: 7745, SEQ ID
 NO: 2654 / SEQ ID NO: 7746, SEQ ID NO: 2655 / SEQ ID NO: 7747,

5
10
15
20
25
30
35
40
45
50
55

2472

[illegible]

[illegible]

5

10

15

20

25

30

35

40

45

50

55

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

55

[illegible]

[illegible]

[illegible]

NO: 4965 / SEQ ID NO: 9925, SEQ ID NO: 4966 / SEQ ID NO: 9926, SEQ ID NO: 4967 /
 SEQ ID NO: 9927, SEQ ID NO: 4968 / SEQ ID NO: 9928, SEQ ID NO: 4969 / SEQ ID NO:
 9929, SEQ ID NO: 4970 / SEQ ID NO: 9930, SEQ ID NO: 4971 / SEQ ID NO: 9931, SEQ ID
 5 NO: 4972 / SEQ ID NO: 9932, SEQ ID NO: 4973 / SEQ ID NO: 9933, SEQ ID NO: 4974 /
 SEQ ID NO: 9934, SEQ ID NO: 4975 / SEQ ID NO: 9935, SEQ ID NO: 4976 / SEQ ID NO:
 9936, SEQ ID NO: 4977 / SEQ ID NO: 9937, SEQ ID NO: 4978 / SEQ ID NO: 9938, SEQ ID
 NO: 4979 / SEQ ID NO: 9939, SEQ ID NO: 4980 / SEQ ID NO: 9940, SEQ ID NO: 4981 /
 10 SEQ ID NO: 9941, SEQ ID NO: 4982 / SEQ ID NO: 9942, SEQ ID NO: 4983 / SEQ ID NO:
 9943, SEQ ID NO: 4984 / SEQ ID NO: 9944, SEQ ID NO: 4985 / SEQ ID NO: 9945, SEQ ID
 NO: 4986 / SEQ ID NO: 9946, SEQ ID NO: 4987 / SEQ ID NO: 9947,
 SEQ ID NO: 4988 / SEQ ID NO: 9948, SEQ ID NO: 4989 / SEQ ID NO: 9949, SEQ ID NO:
 4990 / SEQ ID NO: 9950, SEQ ID NO: 4991 / SEQ ID NO: 9951, SEQ ID NO: 4992 / SEQ ID
 15 NO: 9952, SEQ ID NO: 4993 / SEQ ID NO: 9953, SEQ ID NO: 4994 / SEQ ID NO: 9954, SEQ
 ID NO: 4995 / SEQ ID NO: 9955, SEQ ID NO: 4996 / SEQ ID NO: 9956, SEQ ID NO: 4997 /
 SEQ ID NO: 9957, SEQ ID NO: 4998 / SEQ ID NO: 9958, SEQ ID NO: 4999 / SEQ ID NO:
 9959, SEQ ID NO: 5000 / SEQ ID NO: 9960, SEQ ID NO: 5001 / SEQ ID NO: 9961, SEQ ID
 NO: 5002 / SEQ ID NO: 9962, SEQ ID NO: 5004 / SEQ ID NO: 9963, SEQ ID NO: 5005 /
 20 SEQ ID NO: 9964, SEQ ID NO: 5006 / SEQ ID NO: 9965, SEQ ID NO: 5007 / SEQ ID NO:
 9966, SEQ ID NO: 5008 / SEQ ID NO: 9967, SEQ ID NO: 5009 / SEQ ID NO: 9968, SEQ ID
 NO: 5010 / SEQ ID NO: 9969, SEQ ID NO: 5011 / SEQ ID NO: 9970, SEQ ID NO: 5012 /
 SEQ ID NO: 9971, SEQ ID NO: 5013 / SEQ ID NO: 9972, SEQ ID NO: 5014 / SEQ ID NO:
 9973, SEQ ID NO: 5016 / SEQ ID NO: 9974, SEQ ID NO: 5017 / SEQ ID NO: 9975, SEQ ID
 25 NO: 5018 / SEQ ID NO: 9976, SEQ ID NO: 5019 / SEQ ID NO: 9977, SEQ ID NO: 5020 /
 SEQ ID NO: 9978, SEQ ID NO: 5021 / SEQ ID NO: 9979, SEQ ID NO: 5022 / SEQ ID NO:
 9980, SEQ ID NO: 5024 / SEQ ID NO: 9981, SEQ ID NO: 5025 / SEQ ID NO: 9982, SEQ ID
 NO: 5026 / SEQ ID NO: 9983, SEQ ID NO: 5027 / SEQ ID NO: 9984, SEQ ID NO: 5028 /
 30 SEQ ID NO: 9985, SEQ ID NO: 5029 / SEQ ID NO: 9986, SEQ ID NO: 5030 / SEQ ID NO:
 9987, SEQ ID NO: 5031 / SEQ ID NO: 9988, SEQ ID NO: 5032 / SEQ ID NO: 9989, SEQ ID
 NO: 5033 / SEQ ID NO: 9990, SEQ ID NO: 5035 / SEQ ID NO: 9991, SEQ ID NO: 5036 /
 SEQ ID NO: 9992, SEQ ID NO: 5037 / SEQ ID NO: 9993, SEQ ID NO: 5038 / SEQ ID NO:
 9994, SEQ ID NO: 5039 / SEQ ID NO: 9995, SEQ ID NO: 5040 / SEQ ID NO: 9996, SEQ ID
 NO: 5041 / SEQ ID NO: 9997, SEQ ID NO: 5042 / SEQ ID NO: 9998, SEQ ID NO: 5043 /
 35 SEQ ID NO: 9999, SEQ ID NO: 5044 / SEQ ID NO: 10000, SEQ ID NO: 5045 / SEQ ID NO:
 10001, SEQ ID NO: 5046 / SEQ ID NO: 10002, SEQ ID NO: 5047 / SEQ ID NO: 10003, SEQ
 ID NO: 5048 / SEQ ID NO: 10004, SEQ ID NO: 5049 / SEQ ID NO: 10005, SEQ ID NO: 5050
 / SEQ ID NO: 10006, SEQ ID NO: 5051 / SEQ ID NO: 10007, SEQ ID NO: 5052 / SEQ ID
 NO: 10008, SEQ ID NO: 5053 / SEQ ID NO: 10009, SEQ ID NO: 5054 / SEQ ID NO: 10010,
 40 SEQ ID NO: 5055 / SEQ ID NO: 10011, SEQ ID NO: 5056 / SEQ ID NO: 10012, SEQ ID NO:
 5057 / SEQ ID NO: 10013, SEQ ID NO: 5058 / SEQ ID NO: 10014, SEQ ID NO: 5059 / SEQ
 ID NO: 10015, SEQ ID NO: 5061 / SEQ ID NO: 10016, SEQ ID NO: 5062 / SEQ ID NO:
 10017, SEQ ID NO: 5064 / SEQ ID NO: 10018, SEQ ID NO: 5065 / SEQ ID NO: 10019, SEQ
 ID NO: 5066 / SEQ ID NO: 10020, SEQ ID NO: 5068 / SEQ ID NO: 10021, SEQ ID NO: 5069
 45 / SEQ ID NO: 10022, SEQ ID NO: 5070 / SEQ ID NO: 10023, SEQ ID NO: 5071 / SEQ ID
 NO: 10024, SEQ ID NO: 5072 / SEQ ID NO: 10025, SEQ ID NO: 5073 / SEQ ID NO: 10026,
 SEQ ID NO: 5074 / SEQ ID NO: 10027, SEQ ID NO: 5075 / SEQ ID NO: 10028, SEQ ID NO:
 5076 / SEQ ID NO: 10029, SEQ ID NO: 5077 / SEQ ID NO: 10030, SEQ ID NO: 5078 / SEQ
 ID NO: 10031, SEQ ID NO: 5079 / SEQ ID NO: 10032, SEQ ID NO: 5080 / SEQ ID NO:
 50 10033, SEQ ID NO: 5082 / SEQ ID NO: 10034, SEQ ID NO: 5083 / SEQ ID NO: 10035, SEQ
 ID NO: 5084 / SEQ ID NO: 10036, SEQ ID NO: 5085 / SEQ ID NO: 10037, SEQ ID NO: 5086
 / SEQ ID NO: 10038, SEQ ID NO: 5087 / SEQ ID NO: 10039, SEQ ID NO: 5088 / SEQ ID
 NO: 10040, SEQ ID NO: 5089 / SEQ ID NO: 10041, SEQ ID NO: 5090 / SEQ ID NO: 10042,
 55 SEQ ID NO: 5091 / SEQ ID NO: 10043, SEQ ID NO: 5092 / SEQ ID NO: 10044, SEQ ID NO:

[illegible]

NO: 10161, SEQ ID NO: 5220 / SEQ ID NO: 10162, SEQ ID NO: 5221 / SEQ ID NO: 10163,
 SEQ ID NO: 5222 / SEQ ID NO: 10164, SEQ ID NO: 5223 / SEQ ID NO: 10165, SEQ ID NO:
 5224 / SEQ ID NO: 10166, SEQ ID NO: 5225 / SEQ ID NO: 10167, SEQ ID NO: 5227 / SEQ
 5 ID NO: 10168, SEQ ID NO: 5229 / SEQ ID NO: 10169, SEQ ID NO: 5231 / SEQ ID NO:
 10170, SEQ ID NO: 5232 / SEQ ID NO: 10171, SEQ ID NO: 5234 / SEQ ID NO: 10172, SEQ
 ID NO: 5235 / SEQ ID NO: 10173, SEQ ID NO: 5236 / SEQ ID NO: 10174, SEQ ID NO: 5251
 / SEQ ID NO: 10175, SEQ ID NO: 5252 / SEQ ID NO: 10176, SEQ ID NO: 5253 / SEQ ID
 NO: 10177, SEQ ID NO: 5254 / SEQ ID NO: 10178, SEQ ID NO: 5255 / SEQ ID NO: 10179,
 10 SEQ ID NO: 5256 / SEQ ID NO: 10180, SEQ ID NO: 5257 / SEQ ID NO: 10181, SEQ ID NO:
 5258 / SEQ ID NO: 10182, SEQ ID NO: 5259 / SEQ ID NO: 10183, SEQ ID NO: 5260 / SEQ
 ID NO: 10184, SEQ ID NO: 5261 / SEQ ID NO: 10185, SEQ ID NO: 5262 / SEQ ID NO:
 10186, SEQ ID NO: 5263 / SEQ ID NO: 10187, SEQ ID NO: 5264 / SEQ ID NO: 10188, SEQ
 ID NO: 5265 / SEQ ID NO: 10189, SEQ ID NO: 5266 / SEQ ID NO: 10190, SEQ ID NO: 5267
 15 / SEQ ID NO: 10191, SEQ ID NO: 5268 / SEQ ID NO: 10192, SEQ ID NO: 5269 / SEQ ID
 NO: 10193, SEQ ID NO: 5270 / SEQ ID NO: 10194, SEQ ID NO: 5271 / SEQ ID NO: 10195,
 SEQ ID NO: 5272 / SEQ ID NO: 10196, SEQ ID NO: 5273 / SEQ ID NO: 10197, SEQ ID NO:
 5274 / SEQ ID NO: 10198, SEQ ID NO: 5275 / SEQ ID NO: 10199, SEQ ID NO: 5276 / SEQ
 ID NO: 10200, SEQ ID NO: 5277 / SEQ ID NO: 10201, SEQ ID NO: 5278 / SEQ ID NO:
 20 10202, SEQ ID NO: 5279 / SEQ ID NO: 10203, SEQ ID NO: 5280 / SEQ ID NO: 10204, SEQ
 ID NO: 5281 / SEQ ID NO: 10205, SEQ ID NO: 5282 / SEQ ID NO: 10206, SEQ ID NO: 5283
 / SEQ ID NO: 10207, SEQ ID NO: 5284 / SEQ ID NO: 10208, SEQ ID NO: 5285 / SEQ ID
 NO: 10209, SEQ ID NO: 5286 / SEQ ID NO: 10210, SEQ ID NO: 5287 / SEQ ID NO: 10211,
 SEQ ID NO: 5288 / SEQ ID NO: 10212, SEQ ID NO: 5289 / SEQ ID NO: 10213, SEQ ID NO:
 25 5290 / SEQ ID NO: 10214, SEQ ID NO: 5291 / SEQ ID NO: 10215, SEQ ID NO: 5292 / SEQ
 ID NO: 10216, SEQ ID NO: 5293 / SEQ ID NO: 10217, SEQ ID NO: 5294 / SEQ ID NO:
 10218, SEQ ID NO: 5295 / SEQ ID NO: 10219, SEQ ID NO: 5296 / SEQ ID NO: 10220, SEQ
 ID NO: 5297 / SEQ ID NO: 10221, SEQ ID NO: 5298 / SEQ ID NO: 10222, SEQ ID NO: 5299
 30 / SEQ ID NO: 10223, SEQ ID NO: 5300 / SEQ ID NO: 10224, SEQ ID NO: 5301 / SEQ ID
 NO: 10225, SEQ ID NO: 5302 / SEQ ID NO: 10226, SEQ ID NO: 5303 / SEQ ID NO: 10227,
 SEQ ID NO: 5304 / SEQ ID NO: 10228, SEQ ID NO: 5305 / SEQ ID NO: 10229, SEQ ID NO:
 5306 / SEQ ID NO: 10230, SEQ ID NO: 5307 / SEQ ID NO: 10231, SEQ ID NO: 5308 / SEQ
 ID NO: 10232, SEQ ID NO: 5309 / SEQ ID NO: 10233, SEQ ID NO: 5310 / SEQ ID NO:
 35 10234, SEQ ID NO: 5311 / SEQ ID NO: 10235, SEQ ID NO: 5312 / SEQ ID NO: 10236, SEQ
 ID NO: 5313 / SEQ ID NO: 10237, SEQ ID NO: 5314 / SEQ ID NO: 10238, SEQ ID NO: 5315
 / SEQ ID NO: 10239, SEQ ID NO: 5317 / SEQ ID NO: 10240, SEQ ID NO: 5318 / SEQ ID
 NO: 10241, SEQ ID NO: 5319 / SEQ ID NO: 10242, SEQ ID NO: 5320 / SEQ ID NO: 10243,
 SEQ ID NO: 5321 / SEQ ID NO: 10244, SEQ ID NO: 5322 / SEQ ID NO: 10245, SEQ ID NO:
 40 5323 / SEQ ID NO: 10246, SEQ ID NO: 5324 / SEQ ID NO: 10247,
 SEQ ID NO: 5325 / SEQ ID NO: 10248, SEQ ID NO: 5326 / SEQ ID NO: 10249, SEQ ID NO:
 5327 / SEQ ID NO: 10250, SEQ ID NO: 5328 / SEQ ID NO: 10251, SEQ ID NO: 5329 / SEQ
 ID NO: 10252, SEQ ID NO: 5330 / SEQ ID NO: 10253, SEQ ID NO: 5331 / SEQ ID NO:
 10254, SEQ ID NO: 5332 / SEQ ID NO: 10255, SEQ ID NO: 5333 / SEQ ID NO: 10256, SEQ
 45 ID NO: 5334 / SEQ ID NO: 10257, SEQ ID NO: 5335 / SEQ ID NO: 10258, SEQ ID NO: 5336
 / SEQ ID NO: 10259, SEQ ID NO: 5337 / SEQ ID NO: 10260, SEQ ID NO: 5338 / SEQ ID
 NO: 10261, SEQ ID NO: 5339 / SEQ ID NO: 10262, SEQ ID NO: 5340 / SEQ ID NO: 10263,
 SEQ ID NO: 5341 / SEQ ID NO: 10264, SEQ ID NO: 5342 / SEQ ID NO: 10265, SEQ ID NO:
 5343 / SEQ ID NO: 10266, SEQ ID NO: 5344 / SEQ ID NO: 10267, SEQ ID NO: 5345 / SEQ
 50 ID NO: 10268, SEQ ID NO: 5346 / SEQ ID NO: 10269, SEQ ID NO: 5347 / SEQ ID NO:
 10270, SEQ ID NO: 5348 / SEQ ID NO: 10271, SEQ ID NO: 5349 / SEQ ID NO: 10272, SEQ
 ID NO: 5350 / SEQ ID NO: 10273, SEQ ID NO: 5351 / SEQ ID NO: 10274, SEQ ID NO: 5352
 / SEQ ID NO: 10275, SEQ ID NO: 5353 / SEQ ID NO: 10276, SEQ ID NO: 5354 / SEQ ID
 55 NO: 10277, SEQ ID NO: 5355 / SEQ ID NO: 10278, SEQ ID NO: 5356 / SEQ ID NO: 10279,

SEQ ID NO: 5357 / SEQ ID NO: 10280, SEQ ID NO: 5358 / SEQ ID NO: 10281, SEQ ID NO:
 5359 / SEQ ID NO: 10282, SEQ ID NO: 5360 / SEQ ID NO: 10283, SEQ ID NO: 5362 / SEQ
 ID NO: 10284, SEQ ID NO: 5363 / SEQ ID NO: 10285, SEQ ID NO: 5364 / SEQ ID NO:
 5 10286, SEQ ID NO: 5365 / SEQ ID NO: 10287, SEQ ID NO: 5366 / SEQ ID NO: 10288, SEQ
 ID NO: 5367 / SEQ ID NO: 10289, SEQ ID NO: 5368 / SEQ ID NO: 10290, SEQ ID NO: 5369
 / SEQ ID NO: 10291, SEQ ID NO: 5370 / SEQ ID NO: 10292, SEQ ID NO: 5371 / SEQ ID
 NO: 10293, SEQ ID NO: 5372 / SEQ ID NO: 10294, SEQ ID NO: 5373 / SEQ ID NO: 10295,
 SEQ ID NO: 5374 / SEQ ID NO: 10296, SEQ ID NO: 5375 / SEQ ID NO: 10297, SEQ ID NO:
 10 5376 / SEQ ID NO: 10298, SEQ ID NO: 5377 / SEQ ID NO: 10299, SEQ ID NO: 5378 / SEQ
 ID NO: 10300, SEQ ID NO: 5379 / SEQ ID NO: 10301, SEQ ID NO: 5380 / SEQ ID NO:
 10302, SEQ ID NO: 5381 / SEQ ID NO: 10303, SEQ ID NO: 5382 / SEQ ID NO: 10304, SEQ
 ID NO: 5383 / SEQ ID NO: 10305, SEQ ID NO: 5384 / SEQ ID NO: 10306, SEQ ID NO: 5385
 / SEQ ID NO: 10307, SEQ ID NO: 5386 / SEQ ID NO: 10308, SEQ ID NO: 5387 / SEQ ID
 15 NO: 10309, SEQ ID NO: 5388 / SEQ ID NO: 10310, SEQ ID NO: 5389 / SEQ ID NO: 10311,
 SEQ ID NO: 5390 / SEQ ID NO: 10312, SEQ ID NO: 5391 / SEQ ID NO: 10313, SEQ ID NO:
 5392 / SEQ ID NO: 10314, SEQ ID NO: 5393 / SEQ ID NO: 10315, SEQ ID NO: 5394 / SEQ
 ID NO: 10316, SEQ ID NO: 5395 / SEQ ID NO: 10317, SEQ ID NO: 5396 / SEQ ID NO:
 20 10318, SEQ ID NO: 5397 / SEQ ID NO: 10319, SEQ ID NO: 5398 / SEQ ID NO: 10320, SEQ
 ID NO: 5399 / SEQ ID NO: 10321, SEQ ID NO: 5400 / SEQ ID NO: 10322, SEQ ID NO: 5401
 / SEQ ID NO: 10323, SEQ ID NO: 5402 / SEQ ID NO: 10324, SEQ ID NO: 5403 / SEQ ID
 NO: 10325, SEQ ID NO: 5404 / SEQ ID NO: 10326, SEQ ID NO: 5405 / SEQ ID NO: 10327,
 SEQ ID NO: 5407 / SEQ ID NO: 10328, SEQ ID NO: 5408 / SEQ ID NO: 10329, SEQ ID NO:
 25 5409 / SEQ ID NO: 10330, SEQ ID NO: 5410 / SEQ ID NO: 10331, SEQ ID NO: 5411 / SEQ
 ID NO: 10332, SEQ ID NO: 5412 / SEQ ID NO: 10333, SEQ ID NO: 5413 / SEQ ID NO:
 10334, SEQ ID NO: 5414 / SEQ ID NO: 10335, SEQ ID NO: 5415 / SEQ ID NO: 10336, SEQ
 ID NO: 5416 / SEQ ID NO: 10337, SEQ ID NO: 5417 / SEQ ID NO: 10338, SEQ ID NO: 5418
 / SEQ ID NO: 10339, SEQ ID NO: 5419 / SEQ ID NO: 10340, SEQ ID NO: 5420 / SEQ ID
 30 NO: 10341, SEQ ID NO: 5421 / SEQ ID NO: 10342, SEQ ID NO: 5422 / SEQ ID NO: 10343,
 SEQ ID NO: 5423 / SEQ ID NO: 10344, SEQ ID NO: 5424 / SEQ ID NO: 10345, SEQ ID NO:
 5425 / SEQ ID NO: 10346, SEQ ID NO: 5426 / SEQ ID NO: 10347,
 SEQ ID NO: 5427 / SEQ ID NO: 10348, SEQ ID NO: 5428 / SEQ ID NO: 10349, SEQ ID NO:
 35 5429 / SEQ ID NO: 10350, SEQ ID NO: 5430 / SEQ ID NO: 10351, SEQ ID NO: 5431 / SEQ
 ID NO: 10352, SEQ ID NO: 5432 / SEQ ID NO: 10353, SEQ ID NO: 5433 / SEQ ID NO:
 10354, SEQ ID NO: 5434 / SEQ ID NO: 10355, SEQ ID NO: 5435 / SEQ ID NO: 10356, SEQ
 ID NO: 5436 / SEQ ID NO: 10357, SEQ ID NO: 5437 / SEQ ID NO: 10358, SEQ ID NO: 5438
 / SEQ ID NO: 10359, SEQ ID NO: 5439 / SEQ ID NO: 10360, SEQ ID NO: 5440 / SEQ ID
 40 NO: 10361, SEQ ID NO: 5442 / SEQ ID NO: 10362, SEQ ID NO: 5443 / SEQ ID NO: 10363,
 SEQ ID NO: 5444 / SEQ ID NO: 10364, SEQ ID NO: 5445 / SEQ ID NO: 10365, SEQ ID NO:
 5446 / SEQ ID NO: 10366, SEQ ID NO: 5447 / SEQ ID NO: 10367, SEQ ID NO: 5448 / SEQ
 ID NO: 10368, SEQ ID NO: 5449 / SEQ ID NO: 10369, SEQ ID NO: 5450 / SEQ ID NO:
 10370, SEQ ID NO: 5451 / SEQ ID NO: 10371, SEQ ID NO: 5452 / SEQ ID NO: 10372, SEQ
 ID NO: 5453 / SEQ ID NO: 10373, SEQ ID NO: 5454 / SEQ ID NO: 10374, SEQ ID NO: 5455
 45 / SEQ ID NO: 10375, SEQ ID NO: 5457 / SEQ ID NO: 10376, SEQ ID NO: 5458 / SEQ ID
 NO: 10377, SEQ ID NO: 5460 / SEQ ID NO: 10378, SEQ ID NO: 5461 / SEQ ID NO: 10379,
 SEQ ID NO: 5462 / SEQ ID NO: 10380, SEQ ID NO: 5463 / SEQ ID NO: 10381, SEQ ID NO:
 5464 / SEQ ID NO: 10382, SEQ ID NO: 5465 / SEQ ID NO: 10383, SEQ ID NO: 5466 / SEQ
 ID NO: 10384, SEQ ID NO: 5467 / SEQ ID NO: 10385, SEQ ID NO: 5468 / SEQ ID NO:
 50 10386, SEQ ID NO: 5469 / SEQ ID NO: 10387, SEQ ID NO: 5470 / SEQ ID NO: 10388, SEQ
 ID NO: 5471 / SEQ ID NO: 10389, SEQ ID NO: 5472 / SEQ ID NO: 10390, SEQ ID NO: 5473
 / SEQ ID NO: 10391, SEQ ID NO: 5474 / SEQ ID NO: 10392, SEQ ID NO: 5475 / SEQ ID
 NO: 10393, SEQ ID NO: 5476 / SEQ ID NO: 10394, SEQ ID NO: 5477 / SEQ ID NO: 10395,
 55 SEQ ID NO: 5478 / SEQ ID NO: 10396, SEQ ID NO: 5479 / SEQ ID NO: 10397, SEQ ID NO:

55

NO: 16216, SEQ ID NO: 16163 / SEQ ID NO: 16217, and SEQ ID NO: 16164 / SEQ ID NO: 16218

- 5 4. A polynucleotide which can be synthesized with the primer set of claim 2 or 3.
5. A polynucleotide comprising a coding region in the polynucleotide of claim 4.
6. A substantially pure protein encoded by polynucleotide of claim 4.
- 10 7. A partial peptide of the protein of claim 6.
8. An isolated polynucleotide selected from the group consisting of
- 15 (a) a polynucleotide comprising a coding region of the nucleotide sequence set forth in any one of the following
 SEQ ID NOs:

20

25

30

35

40

45

50

55

[illegible]

[illegible]

[illegible]

5

10

1.5

20

25

30

35

40

45

50

55

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

5
10
15
20
25
30
35
40
45
50
55

[illegible]

[illegible]

[illegible]

[illegible]

55

[illegible]

SEQ ID NO: 18168, SEQ ID NO: 18170, SEQ ID NO: 18172, SEQ ID NO: 18174, SEQ ID
 NO: 18176, SEQ ID NO: 18178, SEQ ID NO: 18180, SEQ ID NO: 18182, SEQ ID NO: 18184,
 SEQ ID NO: 18186,
 5 SEQ ID NO: 18188, SEQ ID NO: 18190, SEQ ID NO: 18192, SEQ ID NO: 18194, SEQ ID
 NO: 18196, SEQ ID NO: 18198, SEQ ID NO: 18200, SEQ ID NO: 18201, SEQ ID NO: 18203,
 SEQ ID NO: 18205, SEQ ID NO: 18207, SEQ ID NO: 18209, SEQ ID NO: 18210, SEQ ID
 NO: 18212, SEQ ID NO: 18214, SEQ ID NO: 18216, SEQ ID NO: 18218, SEQ ID NO: 18220,
 SEQ ID NO: 18222, SEQ ID NO: 18224, SEQ ID NO: 18226, SEQ ID NO: 18227, SEQ ID
 10 NO: 18229, SEQ ID NO: 18231, SEQ ID NO: 18233, SEQ ID NO: 18235, SEQ ID NO: 18236,
 SEQ ID NO: 18238, SEQ ID NO: 18240, SEQ ID NO: 18242, SEQ ID NO: 18243, SEQ ID
 NO: 18245, SEQ ID NO: 18247, SEQ ID NO: 18249, SEQ ID NO: 18251, SEQ ID NO: 18253,
 SEQ ID NO: 18254, SEQ ID NO: 18256, SEQ ID NO: 18258, SEQ ID NO: 18259, SEQ ID
 NO: 18260, SEQ ID NO: 18261, SEQ ID NO: 18263, SEQ ID NO: 18264, SEQ ID NO: 18265,
 15 SEQ ID NO: 18266, SEQ ID NO: 18268, SEQ ID NO: 18270, SEQ ID NO: 18272, SEQ ID
 NO: 18274, SEQ ID NO: 18276, SEQ ID NO: 18278, SEQ ID NO: 18280, SEQ ID NO: 18282,
 SEQ ID NO: 18284, SEQ ID NO: 18286, SEQ ID NO: 18288, SEQ ID NO: 18289, SEQ ID
 NO: 18291, SEQ ID NO: 18293, SEQ ID NO: 18295, SEQ ID NO: 18297, SEQ ID NO: 18298,
 SEQ ID NO: 18300, SEQ ID NO: 18302, SEQ ID NO: 18303, SEQ ID NO: 18305, SEQ ID
 20 NO: 18307, SEQ ID NO: 18308, SEQ ID NO: 18309, SEQ ID NO: 18310, SEQ ID NO: 18312,
 SEQ ID NO: 18314, SEQ ID NO: 18316, SEQ ID NO: 18318, SEQ ID NO: 18320, SEQ ID
 NO: 18321, SEQ ID NO: 18323, SEQ ID NO: 18325, SEQ ID NO: 18327, SEQ ID NO: 18329,
 SEQ ID NO: 18331, SEQ ID NO: 18332, SEQ ID NO: 18334, SEQ ID NO: 18335, SEQ ID
 NO: 18337, SEQ ID NO: 18339, SEQ ID NO: 18341, SEQ ID NO: 18343, SEQ ID NO: 18345,
 25 SEQ ID NO: 18347, SEQ ID NO: 18349, SEQ ID NO: 18351, SEQ ID NO: 18353, SEQ ID
 NO: 18355, SEQ ID NO: 18357, SEQ ID NO: 18358, SEQ ID NO: 18360, SEQ ID NO: 18362,
 SEQ ID NO: 18364,
 SEQ ID NO: 18366, SEQ ID NO: 18368, SEQ ID NO: 18370, SEQ ID NO: 18372
 30 SEQ ID NO: 18374, SEQ ID NO: 18375, SEQ ID NO: 18377, SEQ ID NO: 18378, SEQ ID
 NO: 18379, SEQ ID NO: 18381, SEQ ID NO: 18383, SEQ ID NO: 18385, SEQ ID NO: 18387,
 SEQ ID NO: 18389, SEQ ID NO: 18390, SEQ ID NO: 18392, SEQ ID NO: 18394, SEQ ID
 NO: 18395, SEQ ID NO: 18397, SEQ ID NO: 18398, SEQ ID NO: 18399, SEQ ID NO: 18401,
 SEQ ID NO: 18402, SEQ ID NO: 18404, SEQ ID NO: 18406, SEQ ID NO: 18408, SEQ ID
 35 NO: 18410, SEQ ID NO: 18412, SEQ ID NO: 18413, SEQ ID NO: 18414, SEQ ID NO: 18416,
 SEQ ID NO: 18418, SEQ ID NO: 18420, SEQ ID NO: 18421, SEQ ID NO: 18422, SEQ ID
 NO: 18424, SEQ ID NO: 18426, SEQ ID NO: 18427, SEQ ID NO: 18428, SEQ ID NO: 18430,
 SEQ ID NO: 18432, SEQ ID NO: 18433, SEQ ID NO: 18435, SEQ ID NO: 18437, SEQ ID
 NO: 18439, SEQ ID NO: 18441, SEQ ID NO: 18443, SEQ ID NO: 18444, SEQ ID NO: 18446,
 40 SEQ ID NO: 18447, SEQ ID NO: 18449, SEQ ID NO: 18451, SEQ ID NO: 18453, SEQ ID
 NO: 18454, SEQ ID NO: 18456, SEQ ID NO: 18458, SEQ ID NO: 18460, SEQ ID NO: 18462,
 SEQ ID NO: 18464, SEQ ID NO: 18465, SEQ ID NO: 18467, SEQ ID NO: 18468, SEQ ID
 NO: 18470, SEQ ID NO: 18472, SEQ ID NO: 18474, SEQ ID NO: 18476, SEQ ID NO: 18478,
 SEQ ID NO: 18480, SEQ ID NO: 18482, SEQ ID NO: 18484, SEQ ID NO: 18486, SEQ ID
 45 NO: 18488, SEQ ID NO: 18489, SEQ ID NO: 18491, SEQ ID NO: 18493, SEQ ID NO: 18495,
 SEQ ID NO: 18496, SEQ ID NO: 18497, SEQ ID NO: 18499, SEQ ID NO: 18500, SEQ ID
 NO: 18501, SEQ ID NO: 18502, SEQ ID NO: 18503, SEQ ID NO: 18504, SEQ ID NO: 18505,
 SEQ ID NO: 18507, SEQ ID NO: 18509, SEQ ID NO: 18511, SEQ ID NO: 18513, SEQ ID
 NO: 18515, SEQ ID NO: 18517, SEQ ID NO: 18519, SEQ ID NO: 18521, SEQ ID NO: 18523,
 50 SEQ ID NO: 18525, SEQ ID NO: 18527, SEQ ID NO: 18528, SEQ ID NO: 18530, SEQ ID
 NO: 18531, SEQ ID NO: 18533, SEQ ID NO: 18534, SEQ ID NO: 18535, SEQ ID NO: 18537,
 SEQ ID NO: 18539,
 SEQ ID NO: 18540, SEQ ID NO: 18542, SEQ ID NO: 18543, SEQ ID NO: 18544, SEQ ID
 NO: 18545, SEQ ID NO: 18547, SEQ ID NO: 18548, SEQ ID NO: 18549, SEQ ID NO: 18551,

[illegible]

SEQ ID NO: 18938, SEQ ID NO: 18940, SEQ ID NO: 18941, SEQ ID NO: 18943, SEQ ID
 NO: 18944, SEQ ID NO: 18946, SEQ ID NO: 18947, SEQ ID NO: 18949, SEQ ID NO: 18951,
 SEQ ID NO: 18953, SEQ ID NO: 18955, SEQ ID NO: 18956, SEQ ID NO: 18957, SEQ ID
 5 NO: 18958, SEQ ID NO: 18959, SEQ ID NO: 18960, SEQ ID NO: 18962, SEQ ID NO: 18964,
 SEQ ID NO: 18966, SEQ ID NO: 18968, SEQ ID NO: 18969, SEQ ID NO: 18970, SEQ ID
 NO: 18972, SEQ ID NO: 18973, SEQ ID NO: 18975, SEQ ID NO: 18976, SEQ ID NO: 18978,
 SEQ ID NO: 18980,
 10 SEQ ID NO: 18981, SEQ ID NO: 18982, SEQ ID NO: 18983, SEQ ID NO: 18984, SEQ ID
 NO: 18985, SEQ ID NO: 18986, SEQ ID NO: 18987, SEQ ID NO: 18988, SEQ ID NO: 18989,
 SEQ ID NO: 18990, SEQ ID NO: 18992, SEQ ID NO: 18993, SEQ ID NO: 18995, SEQ ID
 NO: 18997, SEQ ID NO: 18998, SEQ ID NO: 18999, SEQ ID NO: 19000, SEQ ID NO: 19001,
 15 SEQ ID NO: 19002, SEQ ID NO: 19004, SEQ ID NO: 19006
 SEQ ID NO: 19007, SEQ ID NO: 19009, SEQ ID NO: 19011, SEQ ID NO: 19012, SEQ ID
 NO: 19013, SEQ ID NO: 19014, SEQ ID NO: 19016, SEQ ID NO: 19018, SEQ ID NO: 19020,
 SEQ ID NO: 19022, SEQ ID NO: 19024, and SEQ ID NO: 19025

20 (b) a polynucleotide comprising a nucleotide sequence encoding a protein comprising the amino acid sequence
 set forth in any one of the following SEQ ID NOs:

25

30

35

40

45

50

55

SEQ ID NO:10469, SEQ ID NO:10474, SEQ ID NO:10476, SEQ ID NO:10478, SEQ ID
NO:10480, SEQ ID NO:10482, SEQ ID NO:10484, SEQ ID NO:10486, SEQ ID NO:10490,
SEQ ID NO:10492, SEQ ID NO:10494, SEQ ID NO:10499, SEQ ID NO:10501, SEQ ID
5 NO:10506, SEQ ID NO:10509, SEQ ID NO:10513, SEQ ID NO:10515, SEQ ID NO:10518,
SEQ ID NO:10520, SEQ ID NO:10522, SEQ ID NO:10525, SEQ ID NO:10527, SEQ ID
NO:10531, SEQ ID NO:10533, SEQ ID NO:10536, SEQ ID NO:10538, SEQ ID NO:10541,
SEQ ID NO:10544, SEQ ID NO:10547, SEQ ID NO:10549, SEQ ID NO:10552, SEQ ID
10 NO:10554, SEQ ID NO:10559, SEQ ID NO:10561, SEQ ID NO:10563, SEQ ID NO:10565,
SEQ ID NO:10568, SEQ ID NO:10570, SEQ ID NO:10572, SEQ ID NO:10575, SEQ ID
NO:10577, SEQ ID NO:10579, SEQ ID NO:10581, SEQ ID NO:10583, SEQ ID NO:10585,
SEQ ID NO:10587, SEQ ID NO:10589, SEQ ID NO:10591, SEQ ID NO:10593, SEQ ID
NO:10595, SEQ ID NO:10598, SEQ ID NO:10600, SEQ ID NO:10602, SEQ ID NO:10605,
15 SEQ ID NO:10608, SEQ ID NO:10610, SEQ ID NO:10612, SEQ ID NO:10617, SEQ ID
NO:10621, SEQ ID NO:10623, SEQ ID NO:10626, SEQ ID NO:10628, SEQ ID NO:10631,
SEQ ID NO:10634, SEQ ID NO:10636, SEQ ID NO:10638, SEQ ID NO:10640, SEQ ID
NO:10643, SEQ ID NO:10645, SEQ ID NO:10651, SEQ ID NO:10653, SEQ ID NO:10657,
20 SEQ ID NO:10660, SEQ ID NO:10662, SEQ ID NO:10664, SEQ ID NO:10666, SEQ ID
NO:10668, SEQ ID NO:10672, SEQ ID NO:10675, SEQ ID NO:10677, SEQ ID NO:10679,
SEQ ID NO:10681, SEQ ID NO:10684, SEQ ID NO:10686, SEQ ID NO:10688, SEQ ID
NO:10690, SEQ ID NO:10692, SEQ ID NO:10694, SEQ ID NO:10697, SEQ ID NO:10699,
25 SEQ ID NO:10701, SEQ ID NO:10703, SEQ ID NO:10705, SEQ ID NO:10707, SEQ ID
NO:10709, SEQ ID NO:10712, SEQ ID NO:10714, SEQ ID NO:10716, SEQ ID NO:10719,
SEQ ID NO:10721,
SEQ ID NO:10724, SEQ ID NO:10726, SEQ ID NO:10729, SEQ ID NO:10731, SEQ ID
30 NO:10733, SEQ ID NO:10735, SEQ ID NO:10737, SEQ ID NO:10739, SEQ ID NO:10741,
SEQ ID NO:10743, SEQ ID NO:10745, SEQ ID NO:10747, SEQ ID NO:10749, SEQ ID
NO:10751, SEQ ID NO:10755, SEQ ID NO:10759, SEQ ID NO:10762, SEQ ID NO:10764,
SEQ ID NO:10766, SEQ ID NO:10768, SEQ ID NO:10770, SEQ ID NO:10772, SEQ ID
NO:10775, SEQ ID NO:10777, SEQ ID NO:10779, SEQ ID NO:10782, SEQ ID NO:10784,
35 SEQ ID NO:10787, SEQ ID NO:10789, SEQ ID NO:10791, SEQ ID NO:10794, SEQ ID
NO:10796, SEQ ID NO:10798, SEQ ID NO:10801, SEQ ID NO:10803, SEQ ID NO:10806,
SEQ ID NO:10809, SEQ ID NO:10811, SEQ ID NO:10813, SEQ ID NO:10816, SEQ ID
NO:10819, SEQ ID NO:10821, SEQ ID NO:10823, SEQ ID NO:10825, SEQ ID NO:10827,
40 SEQ ID NO:10829, SEQ ID NO:10833, SEQ ID NO:10835, SEQ ID NO:10837, SEQ ID
NO:10839, SEQ ID NO:10843, SEQ ID NO:10846, SEQ ID NO:10848, SEQ ID NO:10851,

[illegible]

[illegible]

[illegible]

SEQ ID NO:12312, SEQ ID NO:12314, SEQ ID NO:12316, SEQ ID NO:12318, SEQ ID
 NO:12320, SEQ ID NO:12322, SEQ ID NO:12324, SEQ ID NO:12326, SEQ ID NO:12328,
 SEQ ID NO:12330, SEQ ID NO:12332, SEQ ID NO:12334, SEQ ID NO:12336, SEQ ID
 NO:12338, SEQ ID NO:12340, SEQ ID NO:12342, SEQ ID NO:12344, SEQ ID NO:12346,
 SEQ ID NO:12348, SEQ ID NO:12350, SEQ ID NO:12352, SEQ ID NO:12355, SEQ ID
 NO:12357, SEQ ID NO:12359, SEQ ID NO:12361, SEQ ID NO:12363, SEQ ID NO:12365,
 SEQ ID NO:12367, SEQ ID NO:12369, SEQ ID NO:12371, SEQ ID NO:12373, SEQ ID
 NO:12375, SEQ ID NO:12377, SEQ ID NO:12379, SEQ ID NO:12381, SEQ ID NO:12383,
 SEQ ID NO:12385, SEQ ID NO:12387, SEQ ID NO:12389, SEQ ID NO:12391, SEQ ID
 NO:12393, SEQ ID NO:12395, SEQ ID NO:12397, SEQ ID NO:12399, SEQ ID NO:12401,
 SEQ ID NO:12404, SEQ ID NO:12406, SEQ ID NO:12408, SEQ ID NO:12411, SEQ ID
 NO:12413, SEQ ID NO:12415, SEQ ID NO:12418, SEQ ID NO:12420, SEQ ID NO:12422,
 SEQ ID NO:12424, SEQ ID NO:12426, SEQ ID NO:12428, SEQ ID NO:12430, SEQ ID
 NO:12432, SEQ ID NO:12434, SEQ ID NO:12437, SEQ ID NO:12439, SEQ ID NO:12441,
 SEQ ID NO:12443, SEQ ID NO:12445, SEQ ID NO:12447, SEQ ID NO:12449, SEQ ID
 NO:12451, SEQ ID NO:12453, SEQ ID NO:12455, SEQ ID NO:12457, SEQ ID NO:12459,
 SEQ ID NO:12462,
 SEQ ID NO:12464, SEQ ID NO:12466, SEQ ID NO:12468, SEQ ID NO:12470, SEQ ID
 NO:12472, SEQ ID NO:12474, SEQ ID NO:12476, SEQ ID NO:12478, SEQ ID NO:12480,
 SEQ ID NO:12484, SEQ ID NO:12487, SEQ ID NO:12489, SEQ ID NO:12492, SEQ ID
 NO:12494, SEQ ID NO:12497, SEQ ID NO:12499, SEQ ID NO:12501, SEQ ID NO:12504,
 SEQ ID NO:12506, SEQ ID NO:12508, SEQ ID NO:12510, SEQ ID NO:12512, SEQ ID
 NO:12515, SEQ ID NO:12517, SEQ ID NO:12519, SEQ ID NO:12521, SEQ ID NO:12523,
 SEQ ID NO:12525, SEQ ID NO:12527, SEQ ID NO:12530, SEQ ID NO:12532, SEQ ID
 NO:12536, SEQ ID NO:12538, SEQ ID NO:12540, SEQ ID NO:12542, SEQ ID NO:12544,
 SEQ ID NO:12547, SEQ ID NO:12549, SEQ ID NO:12551, SEQ ID NO:12553, SEQ ID
 NO:12558, SEQ ID NO:12560, SEQ ID NO:12562, SEQ ID NO:12564, SEQ ID NO:12566,
 SEQ ID NO:12568, SEQ ID NO:12570, SEQ ID NO:12573, SEQ ID NO:12575, SEQ ID
 NO:12577, SEQ ID NO:12579, SEQ ID NO:12582, SEQ ID NO:12584, SEQ ID NO:12586,
 SEQ ID NO:12588, SEQ ID NO:12590, SEQ ID NO:12594, SEQ ID NO:12596, SEQ ID
 NO:12598, SEQ ID NO:12600, SEQ ID NO:12602, SEQ ID NO:12604, SEQ ID NO:12606,
 SEQ ID NO:12610, SEQ ID NO:12612, SEQ ID NO:12614, SEQ ID NO:12616, SEQ ID
 NO:12618, SEQ ID NO:12620, SEQ ID NO:12624, SEQ ID NO:12626, SEQ ID NO:12629,
 SEQ ID NO:12631, SEQ ID NO:12633, SEQ ID NO:12635, SEQ ID NO:12637, SEQ ID
 NO:12639, SEQ ID NO:12641, SEQ ID NO:12643, SEQ ID NO:12645, SEQ ID NO:12647,
 SEQ ID NO:12650, SEQ ID NO:12652, SEQ ID NO:12654, SEQ ID NO:12656, SEQ ID
 NO:12658, SEQ ID NO:12661, SEQ ID NO:12663, SEQ ID NO:12666, SEQ ID NO:12668,
 SEQ ID NO:12670, SEQ ID NO:12672, SEQ ID NO:12674, SEQ ID NO:12676, SEQ ID
 NO:12678, SEQ ID NO:12680, SEQ ID NO:12682, SEQ ID NO:12684, SEQ ID NO:12686,
 SEQ ID NO:12688,
 SEQ ID NO:12690, SEQ ID NO:12692, SEQ ID NO:12694, SEQ ID NO:12696, SEQ ID
 NO:12699, SEQ ID NO:12701, SEQ ID NO:12704, SEQ ID NO:12706, SEQ ID NO:12708,
 SEQ ID NO:12712, SEQ ID NO:12714, SEQ ID NO:12716, SEQ ID NO:12718, SEQ ID
 NO:12720, SEQ ID NO:12722, SEQ ID NO:12724, SEQ ID NO:12727, SEQ ID NO:12729,
 SEQ ID NO:12732, SEQ ID NO:12734, SEQ ID NO:12736, SEQ ID NO:12738, SEQ ID
 NO:12740, SEQ ID NO:12742, SEQ ID NO:12744, SEQ ID NO:12746, SEQ ID NO:12748,
 SEQ ID NO:12750, SEQ ID NO:12752, SEQ ID NO:12755, SEQ ID NO:12757, SEQ ID
 NO:12759, SEQ ID NO:12761, SEQ ID NO:12766, SEQ ID NO:12768, SEQ ID NO:12772,
 SEQ ID NO:12774, SEQ ID NO:12777, SEQ ID NO:12779, SEQ ID NO:12782, SEQ ID
 NO:12784, SEQ ID NO:12786, SEQ ID NO:12788, SEQ ID NO:12790, SEQ ID NO:12792,
 SEQ ID NO:12794, SEQ ID NO:12796, SEQ ID NO:12802, SEQ ID NO:12804, SEQ ID
 NO:12807, SEQ ID NO:12809, SEQ ID NO:12811, SEQ ID NO:12814, SEQ ID NO:12816,

5

10

15

20

30

35

40

45

50

55

SEQ ID NO:13343, SEQ ID NO:13349, SEQ ID NO:13353, SEQ ID NO:13355, SEQ ID
 NO:13358, SEQ ID NO:13361, SEQ ID NO:13364, SEQ ID NO:13367, SEQ ID NO:13373,
 SEQ ID NO:13377, SEQ ID NO:13380, SEQ ID NO:13382, SEQ ID NO:13384, SEQ ID
 5 NO:13386, SEQ ID NO:13388, SEQ ID NO:13390, SEQ ID NO:13392, SEQ ID NO:13395,
 SEQ ID NO:13397, SEQ ID NO:13399, SEQ ID NO:13401, SEQ ID NO:13403, SEQ ID
 NO:13405, SEQ ID NO:13407, SEQ ID NO:13409, SEQ ID NO:13411, SEQ ID NO:13413,
 SEQ ID NO:13416, SEQ ID NO:13419, SEQ ID NO:13422, SEQ ID NO:13424, SEQ ID
 NO:13426, SEQ ID NO:13429, SEQ ID NO:13432, SEQ ID NO:13435, SEQ ID NO:13437,
 10 SEQ ID NO:13446, SEQ ID NO:13450, SEQ ID NO:13452, SEQ ID NO:13456, SEQ ID
 NO:13459, SEQ ID NO:13461, SEQ ID NO:13464, SEQ ID NO:13466, SEQ ID NO:13468,
 SEQ ID NO:13471, SEQ ID NO:13475, SEQ ID NO:13481, SEQ ID NO:13487, SEQ ID
 NO:13490, SEQ ID NO:13493, SEQ ID NO:13496, SEQ ID NO:13499, SEQ ID NO:13502,
 15 SEQ ID NO:13504, SEQ ID NO:13509, SEQ ID NO:13511, SEQ ID NO:13513, SEQ ID
 NO:13516, SEQ ID NO:13521, SEQ ID NO:13525, SEQ ID NO:13528, SEQ ID NO:13530,
 SEQ ID NO:13533, SEQ ID NO:13537, SEQ ID NO:13541, SEQ ID NO:13543, SEQ ID
 NO:13545, SEQ ID NO:13548, SEQ ID NO:13550, SEQ ID NO:13552, SEQ ID NO:13555,
 20 SEQ ID NO:13558, SEQ ID NO:13560, SEQ ID NO:13564, SEQ ID NO:13567, SEQ ID
 NO:13569, SEQ ID NO:13573, SEQ ID NO:13575, SEQ ID NO:13577, SEQ ID NO:13579,
 SEQ ID NO:13583,
 SEQ ID NO:13585, SEQ ID NO:13587, SEQ ID NO:13589, SEQ ID NO:13593, SEQ ID
 NO:13596, SEQ ID NO:13598, SEQ ID NO:13600, SEQ ID NO:13602, SEQ ID NO:13604,
 25 SEQ ID NO:13606, SEQ ID NO:13609, SEQ ID NO:13611, SEQ ID NO:13614, SEQ ID
 NO:13616, SEQ ID NO:13618, SEQ ID NO:13628, SEQ ID NO:13630, SEQ ID NO:13632,
 SEQ ID NO:13634, SEQ ID NO:13636, SEQ ID NO:13638, SEQ ID NO:13641, SEQ ID
 NO:13644, SEQ ID NO:13646, SEQ ID NO:13648, SEQ ID NO:13650, SEQ ID NO:13654,
 SEQ ID NO:13659, SEQ ID NO:13661, SEQ ID NO:13663, SEQ ID NO:13665, SEQ ID
 NO:13667, SEQ ID NO:13669, SEQ ID NO:13671, SEQ ID NO:13673, SEQ ID NO:13677,
 30 SEQ ID NO:13679, SEQ ID NO:13681, SEQ ID NO:13683, SEQ ID NO:13686, SEQ ID
 NO:13688, SEQ ID NO:13691, SEQ ID NO:13695, SEQ ID NO:13697, SEQ ID NO:13699,
 SEQ ID NO:13702, SEQ ID NO:13705, SEQ ID NO:13707, SEQ ID NO:13712, SEQ ID
 NO:13714, SEQ ID NO:13716, SEQ ID NO:13719, SEQ ID NO:13721, SEQ ID NO:13723,
 35 SEQ ID NO:13726, SEQ ID NO:13730, SEQ ID NO:13733, SEQ ID NO:13737, SEQ ID
 NO:13739, SEQ ID NO:13741, SEQ ID NO:13743, SEQ ID NO:13745, SEQ ID NO:13747,
 SEQ ID NO:13752, SEQ ID NO:13758, SEQ ID NO:13768, SEQ ID NO:13771, SEQ ID
 NO:13773, SEQ ID NO:13776, SEQ ID NO:13781, SEQ ID NO:13784, SEQ ID NO:13787,
 40 SEQ ID NO:13790, SEQ ID NO:13792, SEQ ID NO:13794, SEQ ID NO:13801, SEQ ID
 NO:13807, SEQ ID NO:13811, SEQ ID NO:13813, SEQ ID NO:13815, SEQ ID NO:13817,
 SEQ ID NO:13820, SEQ ID NO:13822, SEQ ID NO:13825, SEQ ID NO:13827, SEQ ID
 NO:13830, SEQ ID NO:13832, SEQ ID NO:13835, SEQ ID NO:13837, SEQ ID NO:13840,
 SEQ ID NO:13842, SEQ ID NO:13844, SEQ ID NO:13846, SEQ ID NO:13848, SEQ ID
 45 NO:13853, SEQ ID NO:13855, SEQ ID NO:13857, SEQ ID NO:13859, SEQ ID NO:13862,
 SEQ ID NO:13864,
 SEQ ID NO:13866, SEQ ID NO:13868, SEQ ID NO:13871, SEQ ID NO:13873, SEQ ID
 NO:13875, SEQ ID NO:13877, SEQ ID NO:13880, SEQ ID NO:13882, SEQ ID NO:13884,
 SEQ ID NO:13886, SEQ ID NO:13888, SEQ ID NO:13890, SEQ ID NO:13894, SEQ ID
 50 NO:13897, SEQ ID NO:13899, SEQ ID NO:13902, SEQ ID NO:13907, SEQ ID NO:13910,
 SEQ ID NO:13913, SEQ ID NO:13915, SEQ ID NO:13917, SEQ ID NO:13919, SEQ ID
 NO:13921, SEQ ID NO:13923, SEQ ID NO:13925, SEQ ID NO:13927, SEQ ID NO:13929,
 SEQ ID NO:13931, SEQ ID NO:13934, SEQ ID NO:13937, SEQ ID NO:13939, SEQ ID
 NO:13943, SEQ ID NO:13945, SEQ ID NO:13947, SEQ ID NO:13949, SEQ ID NO:13952,
 55 SEQ ID NO:13955, SEQ ID NO:13957, SEQ ID NO:13960, SEQ ID NO:13963, SEQ ID
 NO:13968, SEQ ID NO:13972, SEQ ID NO:13974, SEQ ID NO:13977, SEQ ID NO:13980,

SEQ ID NO:13987, SEQ ID NO:13991, SEQ ID NO:13993, SEQ ID NO:13995, SEQ ID
 NO:13997, SEQ ID NO:14000, SEQ ID NO:14002, SEQ ID NO:14004, SEQ ID NO:14007,
 SEQ ID NO:14009, SEQ ID NO:14011, SEQ ID NO:14017, SEQ ID NO:14020, SEQ ID
 5 NO:14022, SEQ ID NO:14024, SEQ ID NO:14027, SEQ ID NO:14029, SEQ ID NO:14032,
 SEQ ID NO:14034, SEQ ID NO:14036, SEQ ID NO:14038, SEQ ID NO:14040, SEQ ID
 NO:14043, SEQ ID NO:14046, SEQ ID NO:14048, SEQ ID NO:14051, SEQ ID NO:14055,
 SEQ ID NO:14057, SEQ ID NO:14059, SEQ ID NO:14061, SEQ ID NO:14063, SEQ ID
 10 NO:14065, SEQ ID NO:14068, SEQ ID NO:14070, SEQ ID NO:14074, SEQ ID NO:14078,
 SEQ ID NO:14080, SEQ ID NO:14082, SEQ ID NO:14087, SEQ ID NO:14089, SEQ ID
 NO:14091, SEQ ID NO:14093, SEQ ID NO:14095, SEQ ID NO:14097, SEQ ID NO:14099,
 SEQ ID NO:14101, SEQ ID NO:14103, SEQ ID NO:14105, SEQ ID NO:14107, SEQ ID
 NO:14109, SEQ ID NO:14111, SEQ ID NO:14113, SEQ ID NO:14115, SEQ ID NO:14117,
 15 SEQ ID NO:14119,
 SEQ ID NO:14121, SEQ ID NO:14123, SEQ ID NO:14125, SEQ ID NO:14127, SEQ ID
 NO:14130, SEQ ID NO:14132, SEQ ID NO:14134, SEQ ID NO:14136, SEQ ID NO:14138,
 SEQ ID NO:14140, SEQ ID NO:14142, SEQ ID NO:14144, SEQ ID NO:14147, SEQ ID
 20 NO:14149, SEQ ID NO:14151, SEQ ID NO:14153, SEQ ID NO:14155, SEQ ID NO:14157,
 SEQ ID NO:14159, SEQ ID NO:14161, SEQ ID NO:14163, SEQ ID NO:14166, SEQ ID
 NO:14170, SEQ ID NO:14172, SEQ ID NO:14174, SEQ ID NO:14176, SEQ ID NO:14178,
 SEQ ID NO:14180, SEQ ID NO:14182, SEQ ID NO:14184, SEQ ID NO:14186, SEQ ID
 NO:14189, SEQ ID NO:14191, SEQ ID NO:14193, SEQ ID NO:14195, SEQ ID NO:14197,
 25 SEQ ID NO:14199, SEQ ID NO:14201, SEQ ID NO:14203, SEQ ID NO:14205, SEQ ID
 NO:14207, SEQ ID NO:14209, SEQ ID NO:14211, SEQ ID NO:14213, SEQ ID NO:14215,
 SEQ ID NO:14218, SEQ ID NO:14220, SEQ ID NO:14222, SEQ ID NO:14224, SEQ ID
 NO:14226, SEQ ID NO:14228, SEQ ID NO:14230, SEQ ID NO:14232, SEQ ID NO:14234,
 SEQ ID NO:14236, SEQ ID NO:14238, SEQ ID NO:14240, SEQ ID NO:14242, SEQ ID
 30 NO:14244, SEQ ID NO:14246, SEQ ID NO:14248, SEQ ID NO:14250, SEQ ID NO:14252,
 SEQ ID NO:14254, SEQ ID NO:14256, SEQ ID NO:14258, SEQ ID NO:14260, SEQ ID
 NO:14262, SEQ ID NO:14264, SEQ ID NO:14267, SEQ ID NO:14269, SEQ ID NO:14271,
 SEQ ID NO:14273, SEQ ID NO:14275, SEQ ID NO:14277, SEQ ID NO:14279, SEQ ID
 NO:14281, SEQ ID NO:14283, SEQ ID NO:14285, SEQ ID NO:14288, SEQ ID NO:14290,
 35 SEQ ID NO:14292, SEQ ID NO:14294, SEQ ID NO:14296, SEQ ID NO:14298, SEQ ID
 NO:14301, SEQ ID NO:14303, SEQ ID NO:14306, SEQ ID NO:14308, SEQ ID NO:14310,
 SEQ ID NO:14312, SEQ ID NO:14314, SEQ ID NO:14316, SEQ ID NO:14318, SEQ ID
 NO:14320, SEQ ID NO:14322, SEQ ID NO:14324, SEQ ID NO:14326, SEQ ID NO:14328,
 SEQ ID NO:14331,
 40 SEQ ID NO:14334, SEQ ID NO:14337, SEQ ID NO:14340, SEQ ID NO:14342, SEQ ID
 NO:14346, SEQ ID NO:14348, SEQ ID NO:14350, SEQ ID NO:14352, SEQ ID NO:14354,
 SEQ ID NO:14356, SEQ ID NO:14358, SEQ ID NO:14360, SEQ ID NO:14362, SEQ ID
 NO:14364, SEQ ID NO:14366, SEQ ID NO:14368, SEQ ID NO:14370, SEQ ID NO:14372,
 SEQ ID NO:14374, SEQ ID NO:14376, SEQ ID NO:14379, SEQ ID NO:14381, SEQ ID
 45 NO:14383, SEQ ID NO:14385, SEQ ID NO:14387, SEQ ID NO:14389, SEQ ID NO:14391,
 SEQ ID NO:14393, SEQ ID NO:14396, SEQ ID NO:14398, SEQ ID NO:14401, SEQ ID
 NO:14404, SEQ ID NO:14406, SEQ ID NO:14408, SEQ ID NO:14410, SEQ ID NO:14412,
 SEQ ID NO:14414, SEQ ID NO:14416, SEQ ID NO:14418, SEQ ID NO:14420, SEQ ID
 NO:14423, SEQ ID NO:14425, SEQ ID NO:14427, SEQ ID NO:14429, SEQ ID NO:14431,
 50 SEQ ID NO:14433, SEQ ID NO:14435, SEQ ID NO:14437, SEQ ID NO:14440, SEQ ID
 NO:14442, SEQ ID NO:14444, SEQ ID NO:14446, SEQ ID NO:14448, SEQ ID NO:14450,
 SEQ ID NO:14452, SEQ ID NO:14454, SEQ ID NO:14456, SEQ ID NO:14458, SEQ ID
 NO:14460, SEQ ID NO:14462, SEQ ID NO:14466, SEQ ID NO:14468, SEQ ID NO:14470,
 55 SEQ ID NO:14472, SEQ ID NO:14474, SEQ ID NO:14476, SEQ ID NO:14478, SEQ ID
 NO:14480, SEQ ID NO:14482, SEQ ID NO:14484, SEQ ID NO:14486, SEQ ID NO:14488,

SEQ ID NO:14490, SEQ ID NO:14492, SEQ ID NO:14494, SEQ ID NO:14496, SEQ ID
 NO:14498, SEQ ID NO:14500, SEQ ID NO:14502, SEQ ID NO:14505, SEQ ID NO:14507,
 SEQ ID NO:14509, SEQ ID NO:14511, SEQ ID NO:14514, SEQ ID NO:14516, SEQ ID
 5 NO:14518, SEQ ID NO:14520, SEQ ID NO:14522, SEQ ID NO:14524, SEQ ID NO:14526,
 SEQ ID NO:14530, SEQ ID NO:14532, SEQ ID NO:14534, SEQ ID NO:14536, SEQ ID
 NO:14538, SEQ ID NO:14541, SEQ ID NO:14543, SEQ ID NO:14546, SEQ ID NO:14548,
 SEQ ID NO:14550,
 SEQ ID NO:14553, SEQ ID NO:14555, SEQ ID NO:14557, SEQ ID NO:14559, SEQ ID
 10 NO:14561, SEQ ID NO:14563, SEQ ID NO:14565, SEQ ID NO:14567, SEQ ID NO:14569,
 SEQ ID NO:14571, SEQ ID NO:14573, SEQ ID NO:14575, SEQ ID NO:14577, SEQ ID
 NO:14579, SEQ ID NO:14581, SEQ ID NO:14583, SEQ ID NO:14585, SEQ ID NO:14587,
 SEQ ID NO:14589, SEQ ID NO:14591, SEQ ID NO:14593, SEQ ID NO:14596, SEQ ID
 15 NO:14598, SEQ ID NO:14600, SEQ ID NO:14602, SEQ ID NO:14604, SEQ ID NO:14606,
 SEQ ID NO:14608, SEQ ID NO:14612, SEQ ID NO:14614, SEQ ID NO:14616, SEQ ID
 NO:14618, SEQ ID NO:14621, SEQ ID NO:14623, SEQ ID NO:14625, SEQ ID NO:14627,
 SEQ ID NO:14629, SEQ ID NO:14631, SEQ ID NO:14634, SEQ ID NO:14636, SEQ ID
 NO:14638, SEQ ID NO:14640, SEQ ID NO:14642, SEQ ID NO:14645, SEQ ID NO:14647,
 20 SEQ ID NO:14649, SEQ ID NO:14651, SEQ ID NO:14653, SEQ ID NO:14655, SEQ ID
 NO:14657, SEQ ID NO:14659, SEQ ID NO:14661, SEQ ID NO:14663, SEQ ID NO:14665,
 SEQ ID NO:14667, SEQ ID NO:14669, SEQ ID NO:14671, SEQ ID NO:14673, SEQ ID
 NO:14675, SEQ ID NO:14677, SEQ ID NO:14680, SEQ ID NO:14682, SEQ ID NO:14684,
 SEQ ID NO:14687, SEQ ID NO:14689, SEQ ID NO:14691, SEQ ID NO:14694, SEQ ID
 25 NO:14696, SEQ ID NO:14698, SEQ ID NO:14701, SEQ ID NO:14703, SEQ ID NO:14705,
 SEQ ID NO:14707, SEQ ID NO:14709, SEQ ID NO:14711, SEQ ID NO:14714, SEQ ID
 NO:14716, SEQ ID NO:14718, SEQ ID NO:14720, SEQ ID NO:14723, SEQ ID NO:14726,
 SEQ ID NO:14728, SEQ ID NO:14730, SEQ ID NO:14733, SEQ ID NO:14736, SEQ ID
 30 NO:14739, SEQ ID NO:14741, SEQ ID NO:14743, SEQ ID NO:14745, SEQ ID NO:14747,
 SEQ ID NO:14749, SEQ ID NO:14751, SEQ ID NO:14753, SEQ ID NO:14756, SEQ ID
 NO:14759, SEQ ID NO:14761, SEQ ID NO:14763, SEQ ID NO:14765, SEQ ID NO:14767,
 SEQ ID NO:14769,
 SEQ ID NO:14771, SEQ ID NO:14773, SEQ ID NO:14775, SEQ ID NO:14777, SEQ ID
 35 NO:14779, SEQ ID NO:14781, SEQ ID NO:14783, SEQ ID NO:14785, SEQ ID NO:14787,
 SEQ ID NO:14789, SEQ ID NO:14791, SEQ ID NO:14793, SEQ ID NO:14795, SEQ ID
 NO:14797, SEQ ID NO:14799, SEQ ID NO:14801, SEQ ID NO:14803, SEQ ID NO:14805,
 SEQ ID NO:14807, SEQ ID NO:14810, SEQ ID NO:14813, SEQ ID NO:14815, SEQ ID
 NO:14817, SEQ ID NO:14819, SEQ ID NO:14821, SEQ ID NO:14825, SEQ ID NO:14827,
 40 SEQ ID NO:14829, SEQ ID NO:14832, SEQ ID NO:14834, SEQ ID NO:14836, SEQ ID
 NO:14838, SEQ ID NO:14840, SEQ ID NO:14842, SEQ ID NO:14844, SEQ ID NO:14846,
 SEQ ID NO:14848, SEQ ID NO:14851, SEQ ID NO:14853, SEQ ID NO:14855, SEQ ID
 NO:14857, SEQ ID NO:14859, SEQ ID NO:14861, SEQ ID NO:14863, SEQ ID NO:14866,
 SEQ ID NO:14868, SEQ ID NO:14870, SEQ ID NO:14873, SEQ ID NO:14875, SEQ ID
 45 NO:14877, SEQ ID NO:14879, SEQ ID NO:14881, SEQ ID NO:14883, SEQ ID NO:14885,
 SEQ ID NO:14887, SEQ ID NO:14889, SEQ ID NO:14891, SEQ ID NO:14893, SEQ ID
 NO:14895, SEQ ID NO:14897, SEQ ID NO:14899, SEQ ID NO:14901, SEQ ID NO:14903,
 SEQ ID NO:14905, SEQ ID NO:14907, SEQ ID NO:14909, SEQ ID NO:14911, SEQ ID
 NO:14913, SEQ ID NO:14915, SEQ ID NO:14917, SEQ ID NO:14920, SEQ ID NO:14922,
 50 SEQ ID NO:14926, SEQ ID NO:14928, SEQ ID NO:14930, SEQ ID NO:14932, SEQ ID
 NO:14934, SEQ ID NO:14936, SEQ ID NO:14939, SEQ ID NO:14941, SEQ ID NO:14943,
 SEQ ID NO:14945, SEQ ID NO:14947, SEQ ID NO:14949, SEQ ID NO:14951, SEQ ID
 NO:14953, SEQ ID NO:14955, SEQ ID NO:14957, SEQ ID NO:14959, SEQ ID NO:14962,
 55 SEQ ID NO:14964, SEQ ID NO:14966, SEQ ID NO:14968, SEQ ID NO:14970, SEQ ID

[illegible]

SEQ ID NO:15481, SEQ ID NO:15483, SEQ ID NO:15486, SEQ ID NO:15488, SEQ ID
 NO:15490, SEQ ID NO:15493, SEQ ID NO:15495, SEQ ID NO:15499, SEQ ID NO:15504,
 SEQ ID NO:15506, SEQ ID NO:15508, SEQ ID NO:15512, SEQ ID NO:15515, SEQ ID
 NO:15517, SEQ ID NO:15519, SEQ ID NO:15521, SEQ ID NO:15523, SEQ ID NO:15526,
 5 SEQ ID NO:15530, SEQ ID NO:15532, SEQ ID NO:15536, SEQ ID NO:15538, SEQ ID
 NO:15541, SEQ ID NO:15543, SEQ ID NO:15546, SEQ ID NO:15549, SEQ ID NO:15553,
 SEQ ID NO:15555, SEQ ID NO:15559, SEQ ID NO:15562, SEQ ID NO:15566, SEQ ID
 NO:15568, SEQ ID NO:15570, SEQ ID NO:15572, SEQ ID NO:15574, SEQ ID NO:15576,
 10 SEQ ID NO:15579, SEQ ID NO:15583, SEQ ID NO:15586, SEQ ID NO:15588, SEQ ID
 NO:15590, SEQ ID NO:15595, SEQ ID NO:15597, SEQ ID NO:15600, SEQ ID NO:15605,
 SEQ ID NO:15609, SEQ ID NO:15612, SEQ ID NO:15614, SEQ ID NO:15616, SEQ ID
 NO:15618, SEQ ID NO:15620, SEQ ID NO:15622, SEQ ID NO:15624, SEQ ID NO:15626,
 15 SEQ ID NO:15628, SEQ ID NO:15631, SEQ ID NO:15633, SEQ ID NO:15635, SEQ ID
 NO:15637, SEQ ID NO:15639, SEQ ID NO:15641, SEQ ID NO:15643, SEQ ID NO:15645,
 SEQ ID NO:15647, SEQ ID NO:15652, SEQ ID NO:15654, SEQ ID NO:15657, SEQ ID
 NO:15659, SEQ ID NO:15662, SEQ ID NO:15664, SEQ ID NO:15666, SEQ ID NO:15668,
 20 SEQ ID NO:15673, SEQ ID NO:15678, SEQ ID NO:15680, SEQ ID NO:15682, SEQ ID
 NO:15684, SEQ ID NO:15686, SEQ ID NO:15688, SEQ ID NO:15691, SEQ ID NO:15693,
 SEQ ID NO:15696,
 SEQ ID NO:15698, SEQ ID NO:15700, SEQ ID NO:15702, SEQ ID NO:15705, SEQ ID
 NO:15708, SEQ ID NO:15710, SEQ ID NO:15712, SEQ ID NO:15714, SEQ ID NO:15716,
 SEQ ID NO:15721, SEQ ID NO:15724, SEQ ID NO:15726, SEQ ID NO:15730, SEQ ID
 25 NO:15733, SEQ ID NO:15736, SEQ ID NO:15739, SEQ ID NO:15741, SEQ ID NO:15743,
 SEQ ID NO:15745, SEQ ID NO:15747, SEQ ID NO:15750, SEQ ID NO:15753, SEQ ID
 NO:15755, SEQ ID NO:15757, SEQ ID NO:15759, SEQ ID NO:15761, SEQ ID NO:15763,
 SEQ ID NO:15766, SEQ ID NO:15768, SEQ ID NO:15770, SEQ ID NO:15772, SEQ ID
 NO:15774, SEQ ID NO:15776, SEQ ID NO:15779, SEQ ID NO:15782, SEQ ID NO:15784,
 30 SEQ ID NO:15786, SEQ ID NO:15788, SEQ ID NO:15790, SEQ ID NO:15792, SEQ ID
 NO:15794, SEQ ID NO:15796, SEQ ID NO:15798, SEQ ID NO:15800, SEQ ID NO:15803,
 SEQ ID NO:15805, SEQ ID NO:15807, SEQ ID NO:15809, SEQ ID NO:15811, SEQ ID
 NO:15813, SEQ ID NO:15815, SEQ ID NO:15817, SEQ ID NO:15822, SEQ ID NO:15824,
 35 SEQ ID NO:15826, SEQ ID NO:15828, SEQ ID NO:15834, SEQ ID NO:15838, SEQ ID
 NO:15840, SEQ ID NO:15842, SEQ ID NO:15844, SEQ ID NO:15847, SEQ ID NO:15849,
 SEQ ID NO:15851, SEQ ID NO:15854, SEQ ID NO:15856, SEQ ID NO:15858, SEQ ID
 NO:15860, SEQ ID NO:15862, SEQ ID NO:15864, SEQ ID NO:15868, SEQ ID NO:15871,
 SEQ ID NO:15873, SEQ ID NO:15875, SEQ ID NO:15877, SEQ ID NO:15879, SEQ ID
 40 NO:15884, SEQ ID NO:15886, SEQ ID NO:15888, SEQ ID NO:15890, SEQ ID NO:15894,
 SEQ ID NO:15896, SEQ ID NO:15898, SEQ ID NO:15902, SEQ ID NO:15904, SEQ ID
 NO:15907, SEQ ID NO:15911, SEQ ID NO:15913, SEQ ID NO:15915, SEQ ID NO:15918,
 SEQ ID NO:15921, SEQ ID NO:15923, SEQ ID NO:15925, SEQ ID NO:15927, SEQ ID
 NO:15931, SEQ ID NO:15933, SEQ ID NO:15935, SEQ ID NO:15937, SEQ ID NO:15939,
 45 SEQ ID NO:15941,
 SEQ ID NO:15943, SEQ ID NO:15945, SEQ ID NO:15947, SEQ ID NO:15949, SEQ ID
 NO:15951, SEQ ID NO:15953, SEQ ID NO:15955, SEQ ID NO:15957, SEQ ID NO:15959,
 SEQ ID NO:15961, SEQ ID NO:15963, SEQ ID NO:15965, SEQ ID NO:15967, SEQ ID
 NO:15969, SEQ ID NO:15971, SEQ ID NO:15973, SEQ ID NO:15975, SEQ ID NO:15977,
 50 SEQ ID NO:15979, SEQ ID NO:15981, SEQ ID NO:15983, SEQ ID NO:15985, SEQ ID
 NO:15987, SEQ ID NO:15989, SEQ ID NO:15991, SEQ ID NO:15994, SEQ ID NO:15996,
 SEQ ID NO:15998, SEQ ID NO:16000, SEQ ID NO:16002, SEQ ID NO:16004, SEQ ID
 NO:16006, SEQ ID NO:16008, SEQ ID NO:16010, SEQ ID NO:16012, SEQ ID NO:16014,
 55 SEQ ID NO:16016, SEQ ID NO:16018, SEQ ID NO:16020, SEQ ID NO:16022, SEQ ID
 NO:16024, SEQ ID NO:16026, SEQ ID NO:16028, SEQ ID NO:16030, SEQ ID NO:16032,

SEQ ID NO:16034, SEQ ID NO:16036, SEQ ID NO:16038, SEQ ID NO:16040, SEQ ID
 NO:16042, SEQ ID NO:16044, SEQ ID NO:16046, SEQ ID NO:16050, SEQ ID NO:16053,
 SEQ ID NO:16055, SEQ ID NO:16058, SEQ ID NO:16060, SEQ ID NO:16062, SEQ ID
 NO:16064, SEQ ID NO:16066, SEQ ID NO:16068, SEQ ID NO:16070, SEQ ID NO:16072,
 SEQ ID NO:16074, SEQ ID NO:16076, SEQ ID NO:16078, SEQ ID NO:16080, SEQ ID
 NO:16082, SEQ ID NO:16084, SEQ ID NO:16086, SEQ ID NO:16088, SEQ ID NO:16090,
 SEQ ID NO:16092, SEQ ID NO:16094, SEQ ID NO:16096, SEQ ID NO:16098, SEQ ID
 NO:16100, SEQ ID NO:16102, SEQ ID NO:16104, SEQ ID NO:16106, SEQ ID NO:16108,
 SEQ ID NO:16110,
 SEQ ID NO:16221, SEQ ID NO:16223, SEQ ID NO:16227, SEQ ID NO:16231, SEQ ID
 NO:16234, SEQ ID NO:16237, SEQ ID NO:16239, SEQ ID NO:16241, SEQ ID NO:16244,
 SEQ ID NO:16256, SEQ ID NO:16263, SEQ ID NO:16271, SEQ ID NO:16288, SEQ ID
 NO:16290, SEQ ID NO:16292, SEQ ID NO:16296, SEQ ID NO:16298, SEQ ID NO:16300,
 SEQ ID NO:16302, SEQ ID NO:16305, SEQ ID NO:16311, SEQ ID NO:16313, SEQ ID
 NO:16326, SEQ ID NO:16329, SEQ ID NO:16335, SEQ ID NO:16342, SEQ ID NO:16344,
 SEQ ID NO:16349, SEQ ID NO:16355, SEQ ID NO:16357, SEQ ID NO:16361, SEQ ID
 NO:16366, SEQ ID NO:16368, SEQ ID NO:16370, SEQ ID NO:16375, SEQ ID NO:16382,
 SEQ ID NO:16386, SEQ ID NO:16388, SEQ ID NO:16390, SEQ ID NO:16392, SEQ ID
 NO:16397, SEQ ID NO:16399, SEQ ID NO:16405, SEQ ID NO:16407, SEQ ID NO:16410,
 SEQ ID NO:16413, SEQ ID NO:16415, SEQ ID NO:16417, SEQ ID NO:16419, SEQ ID
 NO:16430, SEQ ID NO:16432, SEQ ID NO:16434, SEQ ID NO:16439, SEQ ID NO:16442,
 SEQ ID NO:16444, SEQ ID NO:16446, SEQ ID NO:16463, SEQ ID NO:16466, SEQ ID
 NO:16468, SEQ ID NO:16470, SEQ ID NO:16472, SEQ ID NO:16475, SEQ ID NO:16477,
 SEQ ID NO:16480, SEQ ID NO:16482, SEQ ID NO:16485, SEQ ID NO:16488, SEQ ID
 NO:16491, SEQ ID NO:16493, SEQ ID NO:16495, SEQ ID NO:16498, SEQ ID NO:16502,
 SEQ ID NO:16504, SEQ ID NO:16507, SEQ ID NO:16510, SEQ ID NO:16521, SEQ ID
 NO:16523, SEQ ID NO:16525, SEQ ID NO:16528, SEQ ID NO:16530, SEQ ID NO:16533,
 SEQ ID NO:16538, SEQ ID NO:16541, SEQ ID NO:16543, SEQ ID NO:16545, SEQ ID
 NO:16549, SEQ ID NO:16551, SEQ ID NO:16554, SEQ ID NO:16556, SEQ ID NO:16558,
 SEQ ID NO:16560, SEQ ID NO:16562, SEQ ID NO:16566, SEQ ID NO:16572, SEQ ID
 NO:16582, SEQ ID NO:16584, SEQ ID NO:16587, SEQ ID NO:16590, SEQ ID NO:16592,
 SEQ ID NO:16595,
 SEQ ID NO:16599, SEQ ID NO:16602, SEQ ID NO:16605, SEQ ID NO:16610, SEQ ID
 NO:16616, SEQ ID NO:16619, SEQ ID NO:16621, SEQ ID NO:16623, SEQ ID NO:16625,
 SEQ ID NO:16630, SEQ ID NO:16632, SEQ ID NO:16634, SEQ ID NO:16638, SEQ ID
 NO:16641, SEQ ID NO:16644, SEQ ID NO:16663, SEQ ID NO:16665, SEQ ID NO:16674,
 SEQ ID NO:16680, SEQ ID NO:16685, SEQ ID NO:16688, SEQ ID NO:16690, SEQ ID
 NO:16693, SEQ ID NO:16699, SEQ ID NO:16702, SEQ ID NO:16704, SEQ ID NO:16708,
 SEQ ID NO:16712, SEQ ID NO:16714, SEQ ID NO:16723, SEQ ID NO:16726, SEQ ID
 NO:16728, SEQ ID NO:16730, SEQ ID NO:16732, SEQ ID NO:16741, SEQ ID NO:16743,
 SEQ ID NO:16745, SEQ ID NO:16747, SEQ ID NO:16752, SEQ ID NO:16763, SEQ ID
 NO:16765, SEQ ID NO:16767, SEQ ID NO:16771, SEQ ID NO:16776, SEQ ID NO:16781,
 SEQ ID NO:16784, SEQ ID NO:16786, SEQ ID NO:16788, SEQ ID NO:16791, SEQ ID
 NO:16793, SEQ ID NO:16795, SEQ ID NO:16797, SEQ ID NO:16801, SEQ ID NO:16804,
 SEQ ID NO:16807, SEQ ID NO:16809, SEQ ID NO:16813, SEQ ID NO:16815, SEQ ID
 NO:16818, SEQ ID NO:16822, SEQ ID NO:16825, SEQ ID NO:16845, SEQ ID NO:16847,
 SEQ ID NO:16849, SEQ ID NO:16853, SEQ ID NO:16855, SEQ ID NO:16857, SEQ ID
 NO:16863, SEQ ID NO:16865, SEQ ID NO:16870, SEQ ID NO:16876, SEQ ID NO:16879,
 SEQ ID NO:16884, SEQ ID NO:16892, SEQ ID NO:16896, SEQ ID NO:16901, SEQ ID
 NO:16903, SEQ ID NO:16909, SEQ ID NO:16921, SEQ ID NO:16925, SEQ ID NO:16928,
 SEQ ID NO:16935, SEQ ID NO:16937, SEQ ID NO:16939, SEQ ID NO:16941, SEQ ID
 NO:16943, SEQ ID NO:16947, SEQ ID NO:16954, SEQ ID NO:16956, SEQ ID NO:16960,

SEQ ID NO:16963, SEQ ID NO:16965, SEQ ID NO:16968, SEQ ID NO:16971, SEQ ID
NO:16976, SEQ ID NO:16980, SEQ ID NO:16987, SEQ ID NO:16990, SEQ ID NO:16999,
SEQ ID NO:17003,
5 SEQ ID NO:17019, SEQ ID NO:17025, SEQ ID NO:17028, SEQ ID NO:17032, SEQ ID
NO:17038, SEQ ID NO:17040, SEQ ID NO:17042, SEQ ID NO:17051, SEQ ID NO:17053,
SEQ ID NO:17058, SEQ ID NO:17060, SEQ ID NO:17062, SEQ ID NO:17064, SEQ ID
NO:17072, SEQ ID NO:17074, SEQ ID NO:17076, SEQ ID NO:17079, SEQ ID NO:17081,
10 SEQ ID NO:17083, SEQ ID NO:17085, SEQ ID NO:17087, SEQ ID NO:17089, SEQ ID
NO:17091, SEQ ID NO:17093, SEQ ID NO:17095, SEQ ID NO:17097, SEQ ID NO:17099,
SEQ ID NO:17101, SEQ ID NO:17104, SEQ ID NO:17106, SEQ ID NO:17109, SEQ ID
NO:17111, SEQ ID NO:17113, SEQ ID NO:17115, SEQ ID NO:17117, SEQ ID NO:17120,
SEQ ID NO:17122, SEQ ID NO:17124, SEQ ID NO:17127, SEQ ID NO:17129, SEQ ID
15 NO:17131, SEQ ID NO:17133, SEQ ID NO:17135, SEQ ID NO:17137, SEQ ID NO:17140,
SEQ ID NO:17142, SEQ ID NO:17144, SEQ ID NO:17146, SEQ ID NO:17148, SEQ ID
NO:17150, SEQ ID NO:17152, SEQ ID NO:17154, SEQ ID NO:17156, SEQ ID NO:17158,
SEQ ID NO:17161, SEQ ID NO:17163, SEQ ID NO:17165, SEQ ID NO:17167, SEQ ID
NO:17169, SEQ ID NO:17171, SEQ ID NO:17173, SEQ ID NO:17175, SEQ ID NO:17177,
20 SEQ ID NO:17179, SEQ ID NO:17181, SEQ ID NO:17184, SEQ ID NO:17186, SEQ ID
NO:17188, SEQ ID NO:17191, SEQ ID NO:17194, SEQ ID NO:17196, SEQ ID NO:17198,
SEQ ID NO:17200, SEQ ID NO:17203, SEQ ID NO:17205, SEQ ID NO:17207, SEQ ID
NO:17211, SEQ ID NO:17215, SEQ ID NO:17217, SEQ ID NO:17219, SEQ ID NO:17221,
SEQ ID NO:17223, SEQ ID NO:17225, SEQ ID NO:17227, SEQ ID NO:17229, SEQ ID
25 NO:17231, SEQ ID NO:17233, SEQ ID NO:17235, SEQ ID NO:17237, SEQ ID NO:17239,
SEQ ID NO:17241, SEQ ID NO:17243, SEQ ID NO:17245, SEQ ID NO:17247, SEQ ID
NO:17250, SEQ ID NO:17252, SEQ ID NO:17254, SEQ ID NO:17257, SEQ ID NO:17260,
SEQ ID NO:17262,
30 SEQ ID NO:17266, SEQ ID NO:17269, SEQ ID NO:17271, SEQ ID NO:17273, SEQ ID
NO:17276, SEQ ID NO:17278, SEQ ID NO:17280, SEQ ID NO:17282, SEQ ID NO:17284,
SEQ ID NO:17286, SEQ ID NO:17288, SEQ ID NO:17291, SEQ ID NO:17293, SEQ ID
NO:17295, SEQ ID NO:17298, SEQ ID NO:17301, SEQ ID NO:17303, SEQ ID NO:17306,
SEQ ID NO:17308, SEQ ID NO:17311, SEQ ID NO:17313, SEQ ID NO:17317, SEQ ID
35 NO:17319, SEQ ID NO:17321, SEQ ID NO:17323, SEQ ID NO:17325, SEQ ID NO:17327,
SEQ ID NO:17329, SEQ ID NO:17331, SEQ ID NO:17333, SEQ ID NO:17335, SEQ ID
NO:17337, SEQ ID NO:17339, SEQ ID NO:17342, SEQ ID NO:17346, SEQ ID NO:17348,
SEQ ID NO:17350, SEQ ID NO:17352, SEQ ID NO:17354, SEQ ID NO:17357, SEQ ID
NO:17359, SEQ ID NO:17361, SEQ ID NO:17363, SEQ ID NO:17367, SEQ ID NO:17369,
40 SEQ ID NO:17373, SEQ ID NO:17375, SEQ ID NO:17379, SEQ ID NO:17382, SEQ ID
NO:17384, SEQ ID NO:17386, SEQ ID NO:17389, SEQ ID NO:17391, SEQ ID NO:17394,
SEQ ID NO:17396, SEQ ID NO:17400, SEQ ID NO:17403, SEQ ID NO:17405, SEQ ID
NO:17407, SEQ ID NO:17409, SEQ ID NO:17411, SEQ ID NO:17413, SEQ ID NO:17415,
SEQ ID NO:17417, SEQ ID NO:17419, SEQ ID NO:17421, SEQ ID NO:17423, SEQ ID
45 NO:17425, SEQ ID NO:17428, SEQ ID NO:17431, SEQ ID NO:17435, SEQ ID NO:17439,
SEQ ID NO:17441, SEQ ID NO:17444, SEQ ID NO:17446, SEQ ID NO:17448, SEQ ID
NO:17451, SEQ ID NO:17453, SEQ ID NO:17455, SEQ ID NO:17458, SEQ ID NO:17462,
SEQ ID NO:17464, SEQ ID NO:17466, SEQ ID NO:17469, SEQ ID NO:17471, SEQ ID
NO:17473, SEQ ID NO:17476, SEQ ID NO:17478, SEQ ID NO:17481, SEQ ID NO:17483,
50 SEQ ID NO:17486, SEQ ID NO:17488, SEQ ID NO:17491, SEQ ID NO:17493, SEQ ID
NO:17495, SEQ ID NO:17497, SEQ ID NO:17499, SEQ ID NO:17501, SEQ ID NO:17503,
SEQ ID NO:17505,
SEQ ID NO:17507, SEQ ID NO:17509, SEQ ID NO:17511, SEQ ID NO:17513, SEQ ID
NO:17515, SEQ ID NO:17517, SEQ ID NO:17519, SEQ ID NO:17521, SEQ ID NO:17523,
55 SEQ ID NO:17525, SEQ ID NO:17528, SEQ ID NO:17530, SEQ ID NO:17534, SEQ ID

NO:17536, SEQ ID NO:17538, SEQ ID NO:17540, SEQ ID NO:17542, SEQ ID NO:17544,
 SEQ ID NO:17546, SEQ ID NO:17548, SEQ ID NO:17550, SEQ ID NO:17552, SEQ ID
 NO:17554, SEQ ID NO:17556, SEQ ID NO:17558, SEQ ID NO:17560, SEQ ID NO:17562,
 5 SEQ ID NO:17564, SEQ ID NO:17566, SEQ ID NO:17568, SEQ ID NO:17570, SEQ ID
 NO:17573, SEQ ID NO:17575, SEQ ID NO:17577, SEQ ID NO:17580, SEQ ID NO:17582,
 SEQ ID NO:17584, SEQ ID NO:17587, SEQ ID NO:17590, SEQ ID NO:17592, SEQ ID
 NO:17595, SEQ ID NO:17597, SEQ ID NO:17599, SEQ ID NO:17601, SEQ ID NO:17603,
 10 SEQ ID NO:17605, SEQ ID NO:17607, SEQ ID NO:17609, SEQ ID NO:17611, SEQ ID
 NO:17613, SEQ ID NO:17615, SEQ ID NO:17617, SEQ ID NO:17619, SEQ ID NO:17621,
 SEQ ID NO:17623, SEQ ID NO:17625, SEQ ID NO:17627, SEQ ID NO:17629, SEQ ID
 NO:17631, SEQ ID NO:17633, SEQ ID NO:17635, SEQ ID NO:17637, SEQ ID NO:17639,
 SEQ ID NO:17641, SEQ ID NO:17643, SEQ ID NO:17645, SEQ ID NO:17647, SEQ ID
 15 NO:17651, SEQ ID NO:17653, SEQ ID NO:17655, SEQ ID NO:17658, SEQ ID NO:17661,
 SEQ ID NO:17664, SEQ ID NO:17667, SEQ ID NO:17669, SEQ ID NO:17671, SEQ ID
 NO:17673, SEQ ID NO:17675, SEQ ID NO:17677, SEQ ID NO:17679, SEQ ID NO:17684,
 SEQ ID NO:17686, SEQ ID NO:17688, SEQ ID NO:17690, SEQ ID NO:17692, SEQ ID
 NO:17694, SEQ ID NO:17696, SEQ ID NO:17698, SEQ ID NO:17700, SEQ ID NO:17702,
 20 SEQ ID NO:17704, SEQ ID NO:17707, SEQ ID NO:17709, SEQ ID NO:17711, SEQ ID
 NO:17713, SEQ ID NO:17715, SEQ ID NO:17719, SEQ ID NO:17725, SEQ ID NO:17727,
 SEQ ID NO:17731,
 SEQ ID NO:17734, SEQ ID NO:17736, SEQ ID NO:17738, SEQ ID NO:17741, SEQ ID
 NO:17743, SEQ ID NO:17745, SEQ ID NO:17749, SEQ ID NO:17752, SEQ ID NO:17755,
 25 SEQ ID NO:17757, SEQ ID NO:17760, SEQ ID NO:17766, SEQ ID NO:17772, SEQ ID
 NO:17775, SEQ ID NO:17777, SEQ ID NO:17779, SEQ ID NO:17782, SEQ ID NO:17784,
 SEQ ID NO:17786, SEQ ID NO:17788, SEQ ID NO:17791, SEQ ID NO:17793, SEQ ID
 NO:17796, SEQ ID NO:17798, SEQ ID NO:17800, SEQ ID NO:17804, SEQ ID NO:17808,
 30 SEQ ID NO:17810, SEQ ID NO:17812, SEQ ID NO:17814, SEQ ID NO:17816, SEQ ID
 NO:17819, SEQ ID NO:17821, SEQ ID NO:17823, SEQ ID NO:17825, SEQ ID NO:17827,
 SEQ ID NO:17829, SEQ ID NO:17833, SEQ ID NO:17835, SEQ ID NO:17838, SEQ ID
 NO:17840, SEQ ID NO:17842, SEQ ID NO:17844, SEQ ID NO:17846, SEQ ID NO:17854,
 SEQ ID NO:17857, SEQ ID NO:17862, SEQ ID NO:17864, SEQ ID NO:17866, SEQ ID
 35 NO:17868, SEQ ID NO:17873, SEQ ID NO:17879, SEQ ID NO:17882, SEQ ID NO:17884,
 SEQ ID NO:17887, SEQ ID NO:17889, SEQ ID NO:17891, SEQ ID NO:17893, SEQ ID
 NO:17897, SEQ ID NO:17899, SEQ ID NO:17901, SEQ ID NO:17905, SEQ ID NO:17908,
 SEQ ID NO:17910, SEQ ID NO:17913, SEQ ID NO:17915, SEQ ID NO:17921, SEQ ID
 NO:17923, SEQ ID NO:17927, SEQ ID NO:17930, SEQ ID NO:17933, SEQ ID NO:17935,
 40 SEQ ID NO:17937, SEQ ID NO:17939, SEQ ID NO:17944, SEQ ID NO:17948, SEQ ID
 NO:17950, SEQ ID NO:17953, SEQ ID NO:17955, SEQ ID NO:17957, SEQ ID NO:17960,
 SEQ ID NO:17963, SEQ ID NO:17968, SEQ ID NO:17970, SEQ ID NO:17972, SEQ ID
 NO:17975, SEQ ID NO:17977, SEQ ID NO:17983, SEQ ID NO:17988, SEQ ID NO:17992,
 SEQ ID NO:17994, SEQ ID NO:17996, SEQ ID NO:17998, SEQ ID NO:18002, SEQ ID
 45 NO:18007, SEQ ID NO:18009, SEQ ID NO:18011, SEQ ID NO:18014, SEQ ID NO:18018,
 SEQ ID NO:18020,
 SEQ ID NO:18023, SEQ ID NO:18025, SEQ ID NO:18027, SEQ ID NO:18029, SEQ ID
 NO:18031, SEQ ID NO:18033, SEQ ID NO:18035, SEQ ID NO:18037, SEQ ID NO:18039,
 50 SEQ ID NO:18041, SEQ ID NO:18047, SEQ ID NO:18049, SEQ ID NO:18051, SEQ ID
 NO:18053, SEQ ID NO:18055, SEQ ID NO:18057, SEQ ID NO:18060, SEQ ID NO:18062,
 SEQ ID NO:18064, SEQ ID NO:18067, SEQ ID NO:18069, SEQ ID NO:18073, SEQ ID
 NO:18075, SEQ ID NO:18077, SEQ ID NO:18079, SEQ ID NO:18081, SEQ ID NO:18083,
 SEQ ID NO:18085, SEQ ID NO:18087, SEQ ID NO:18089, SEQ ID NO:18091, SEQ ID
 55 NO:18093, SEQ ID NO:18097, SEQ ID NO:18100, SEQ ID NO:18102, SEQ ID NO:18106,
 SEQ ID NO:18108, SEQ ID NO:18111, SEQ ID NO:18113, SEQ ID NO:18115, SEQ ID

NO:18118, SEQ ID NO:18122, SEQ ID NO:18126, SEQ ID NO:18128, SEQ ID NO:18130,
 SEQ ID NO:18132, SEQ ID NO:18134, SEQ ID NO:18136, SEQ ID NO:18138, SEQ ID
 NO:18141, SEQ ID NO:18143, SEQ ID NO:18145, SEQ ID NO:18147, SEQ ID NO:18149,
 5 SEQ ID NO:18155, SEQ ID NO:18158, SEQ ID NO:18160, SEQ ID NO:18164, SEQ ID
 NO:18167, SEQ ID NO:18169, SEQ ID NO:18171, SEQ ID NO:18173, SEQ ID NO:18175,
 SEQ ID NO:18177, SEQ ID NO:18179, SEQ ID NO:18181, SEQ ID NO:18183, SEQ ID
 NO:18185, SEQ ID NO:18187, SEQ ID NO:18189, SEQ ID NO:18191, SEQ ID NO:18193,
 10 SEQ ID NO:18195, SEQ ID NO:18197, SEQ ID NO:18199, SEQ ID NO:18202, SEQ ID
 NO:18204, SEQ ID NO:18206, SEQ ID NO:18208, SEQ ID NO:18211, SEQ ID NO:18213,
 SEQ ID NO:18215, SEQ ID NO:18217, SEQ ID NO:18219, SEQ ID NO:18221, SEQ ID
 NO:18223, SEQ ID NO:18225, SEQ ID NO:18228, SEQ ID NO:18230, SEQ ID NO:18232,
 SEQ ID NO:18234, SEQ ID NO:18237, SEQ ID NO:18239, SEQ ID NO:18241, SEQ ID
 15 NO:18244, SEQ ID NO:18246, SEQ ID NO:18248, SEQ ID NO:18250, SEQ ID NO:18252,
 SEQ ID NO:18255,
 SEQ ID NO:18257, SEQ ID NO:18262, SEQ ID NO:18267, SEQ ID NO:18269, SEQ ID
 NO:18271, SEQ ID NO:18273, SEQ ID NO:18275, SEQ ID NO:18277, SEQ ID NO:18279,
 20 SEQ ID NO:18281, SEQ ID NO:18283, SEQ ID NO:18285, SEQ ID NO:18287, SEQ ID
 NO:18290, SEQ ID NO:18292, SEQ ID NO:18294, SEQ ID NO:18296, SEQ ID NO:18299,
 SEQ ID NO:18301, SEQ ID NO:18304, SEQ ID NO:18306, SEQ ID NO:18311, SEQ ID
 NO:18313, SEQ ID NO:18315, SEQ ID NO:18317, SEQ ID NO:18319, SEQ ID NO:18322,
 SEQ ID NO:18324, SEQ ID NO:18326, SEQ ID NO:18328, SEQ ID NO:18330, SEQ ID
 NO:18333, SEQ ID NO:18336, SEQ ID NO:18338, SEQ ID NO:18340, SEQ ID NO:18342,
 25 SEQ ID NO:18344, SEQ ID NO:18346, SEQ ID NO:18348, SEQ ID NO:18350, SEQ ID
 NO:18352, SEQ ID NO:18354, SEQ ID NO:18356, SEQ ID NO:18359, SEQ ID NO:18361,
 SEQ ID NO:18363, SEQ ID NO:18365, SEQ ID NO:18367, SEQ ID NO:18369, SEQ ID
 NO:18371, SEQ ID NO:18373
 SEQ ID NO:18376, SEQ ID NO:18380, SEQ ID NO:18382, SEQ ID NO:18384, SEQ ID
 30 NO:18386, SEQ ID NO:18388, SEQ ID NO:18391, SEQ ID NO:18393, SEQ ID NO:18396,
 SEQ ID NO:18400, SEQ ID NO:18403, SEQ ID NO:18405, SEQ ID NO:18407, SEQ ID
 NO:18409, SEQ ID NO:18411, SEQ ID NO:18415, SEQ ID NO:18417, SEQ ID NO:18419,
 SEQ ID NO:18423, SEQ ID NO:18425, SEQ ID NO:18429, SEQ ID NO:18431, SEQ ID
 NO:18434, SEQ ID NO:18436, SEQ ID NO:18438, SEQ ID NO:18440, SEQ ID NO:18442,
 35 SEQ ID NO:18445, SEQ ID NO:18448, SEQ ID NO:18450, SEQ ID NO:18452, SEQ ID
 NO:18455, SEQ ID NO:18457, SEQ ID NO:18459, SEQ ID NO:18461, SEQ ID NO:18463,
 SEQ ID NO:18466, SEQ ID NO:18469, SEQ ID NO:18471, SEQ ID NO:18473, SEQ ID
 NO:18475, SEQ ID NO:18477, SEQ ID NO:18479, SEQ ID NO:18481, SEQ ID NO:18483,
 40 SEQ ID NO:18485, SEQ ID NO:18487, SEQ ID NO:18490, SEQ ID NO:18492, SEQ ID
 NO:18494, SEQ ID NO:18498, SEQ ID NO:18506, SEQ ID NO:18508, SEQ ID NO:18510,
 SEQ ID NO:18512, SEQ ID NO:18514, SEQ ID NO:18516, SEQ ID NO:18518, SEQ ID
 NO:18520, SEQ ID NO:18522, SEQ ID NO:18524, SEQ ID NO:18526, SEQ ID NO:18529,
 SEQ ID NO:18532, SEQ ID NO:18536, SEQ ID NO:18538, SEQ ID NO:18541, SEQ ID
 45 NO:18546, SEQ ID NO:18550, SEQ ID NO:18552, SEQ ID NO:18554, SEQ ID NO:18556,
 SEQ ID NO:18558, SEQ ID NO:18562, SEQ ID NO:18568, SEQ ID NO:18572, SEQ ID
 NO:18574, SEQ ID NO:18576, SEQ ID NO:18580, SEQ ID NO:18582, SEQ ID NO:18587,
 SEQ ID NO:18590, SEQ ID NO:18592, SEQ ID NO:18594, SEQ ID NO:18596, SEQ ID
 NO:18598, SEQ ID NO:18600, SEQ ID NO:18602, SEQ ID NO:18604, SEQ ID NO:18606,
 50 SEQ ID NO:18608, SEQ ID NO:18611, SEQ ID NO:18613, SEQ ID NO:18615, SEQ ID
 NO:18617, SEQ ID NO:18619, SEQ ID NO:18623, SEQ ID NO:18625, SEQ ID NO:18627,
 SEQ ID NO:18629,
 SEQ ID NO:18631, SEQ ID NO:18633, SEQ ID NO:18635, SEQ ID NO:18637, SEQ ID
 NO:18639, SEQ ID NO:18644, SEQ ID NO:18646, SEQ ID NO:18649, SEQ ID NO:18651,
 55 SEQ ID NO:18653, SEQ ID NO:18655, SEQ ID NO:18657, SEQ ID NO:18660, SEQ ID

NO:18662, SEQ ID NO:18665, SEQ ID NO:18668, SEQ ID NO:18672, SEQ ID NO:18674,
 SEQ ID NO:18676, SEQ ID NO:18678, SEQ ID NO:18680, SEQ ID NO:18682, SEQ ID
 NO:18686, SEQ ID NO:18688, SEQ ID NO:18691, SEQ ID NO:18693, SEQ ID NO:18695,
 5 SEQ ID NO:18697, SEQ ID NO:18699, SEQ ID NO:18701, SEQ ID NO:18703, SEQ ID
 NO:18705, SEQ ID NO:18709, SEQ ID NO:18711, SEQ ID NO:18713, SEQ ID NO:18715,
 SEQ ID NO:18717, SEQ ID NO:18720, SEQ ID NO:18722, SEQ ID NO:18724, SEQ ID
 NO:18726, SEQ ID NO:18729, SEQ ID NO:18731, SEQ ID NO:18733, SEQ ID NO:18735,
 10 SEQ ID NO:18737, SEQ ID NO:18739, SEQ ID NO:18741, SEQ ID NO:18743, SEQ ID
 NO:18745, SEQ ID NO:18747, SEQ ID NO:18749, SEQ ID NO:18751, SEQ ID NO:18753,
 SEQ ID NO:18759, SEQ ID NO:18763, SEQ ID NO:18765, SEQ ID NO:18770, SEQ ID
 NO:18773, SEQ ID NO:18775, SEQ ID NO:18777, SEQ ID NO:18779, SEQ ID NO:18781,
 15 SEQ ID NO:18783, SEQ ID NO:18785, SEQ ID NO:18787, SEQ ID NO:18790, SEQ ID
 NO:18793, SEQ ID NO:18795, SEQ ID NO:18797, SEQ ID NO:18800, SEQ ID NO:18802,
 SEQ ID NO:18804, SEQ ID NO:18806, SEQ ID NO:18809, SEQ ID NO:18811, SEQ ID
 NO:18813, SEQ ID NO:18815, SEQ ID NO:18817, SEQ ID NO:18819, SEQ ID NO:18822,
 20 SEQ ID NO:18824, SEQ ID NO:18826, SEQ ID NO:18828, SEQ ID NO:18830, SEQ ID
 NO:18832, SEQ ID NO:18834, SEQ ID NO:18836, SEQ ID NO:18840, SEQ ID NO:18843,
 SEQ ID NO:18847, SEQ ID NO:18850, SEQ ID NO:18853, SEQ ID NO:18855, SEQ ID
 NO:18857, SEQ ID NO:18859, SEQ ID NO:18862, SEQ ID NO:18865, SEQ ID NO:18868,
 SEQ ID NO:18870,
 25 SEQ ID NO:18874, SEQ ID NO:18876, SEQ ID NO:18879, SEQ ID NO:18882, SEQ ID
 NO:18884, SEQ ID NO:18888, SEQ ID NO:18891, SEQ ID NO:18894, SEQ ID NO:18896,
 SEQ ID NO:18898, SEQ ID NO:18900, SEQ ID NO:18902, SEQ ID NO:18906, SEQ ID
 NO:18908, SEQ ID NO:18910, SEQ ID NO:18912, SEQ ID NO:18914, SEQ ID NO:18916,
 30 SEQ ID NO:18918, SEQ ID NO:18920, SEQ ID NO:18922, SEQ ID NO:18924, SEQ ID
 NO:18926, SEQ ID NO:18929, SEQ ID NO:18931, SEQ ID NO:18933, SEQ ID NO:18935,
 SEQ ID NO:18937, SEQ ID NO:18939, SEQ ID NO:18942, SEQ ID NO:18945, SEQ ID
 NO:18948, SEQ ID NO:18950, SEQ ID NO:18952, SEQ ID NO:18954, SEQ ID NO:18961,
 35 SEQ ID NO:18963, SEQ ID NO:18965, SEQ ID NO:18967, SEQ ID NO:18971, SEQ ID
 NO:18974, SEQ ID NO:18977, SEQ ID NO:18979,
 SEQ ID NO:18991, SEQ ID NO:18994, SEQ ID NO:18996, SEQ ID NO:19003, SEQ ID
 NO:19005
 40 SEQ ID NO:19008, SEQ ID NO:19010, SEQ ID NO:19015, SEQ ID NO:19017, SEQ ID
 NO:19019, SEQ ID NO:19021, and SEQ ID NO:19023

(c) a polynucleotide comprising a nucleotide sequence encoding a protein comprising an amino acid sequence
 selected from the amino acid sequences of (b), in which one or more amino acids are substituted, deleted,
 45 inserted, and/or added, wherein said protein is functionally equivalent to the protein comprising said amino
 acid sequence selected from the amino acid sequences of (b);

(d) a polynucleotide that hybridizes with a polynucleotide comprising a nucleotide sequence selected from the
 nucleotide sequences of (a), and that comprises a nucleotide sequence encoding a protein functionally equiv-
 50 alent to the protein encoded by the nucleotide sequence selected from the nucleotide sequences of (a);

(e) a polynucleotide comprising a nucleotide sequence encoding a partial amino acid sequence of a protein
 encoded by the polynucleotide of (a) to (d);

(f) a polynucleotide comprising a nucleotide sequence with at least 70% identity to the nucleotide sequence
 of (a).

9. A substantially pure protein encoded by the polynucleotide of claim 8.

10. An antibody against the protein or peptide of any one of claims 6, 7, and 9.

11. A vector comprising the polynucleotide of claim 5 or 8.
12. A transformant carrying the polynucleotide of claim 5 or 8, or the vector of claim 11.
- 5 13. A transformant expressively carrying the polynucleotide of claim 5 or 8, or the vector of claim 11.
14. A method for producing the protein or peptide of any one of claims 6, 7, and 9, comprising culturing the transformant of claim 13 and recovering the expression product.
- 10 15. An oligonucleotide comprising the nucleotide sequence of claim 8 (a) or the nucleotide sequence complementary to the complementary strand thereof, wherein said oligonucleotide comprises 15 nucleotides or more.
16. Use of the oligonucleotide of claim 15 as a primer for synthesizing a polynucleotide.
- 15 17. Use of the oligonucleotide of claim 15 as a probe for detecting a gene.
18. An antisense polynucleotide against the polynucleotide of claim 8, or the portion thereof.
19. A method for synthesizing a polynucleotide, the method comprising:
- 20 a) synthesizing a complementary strand using a cDNA library as a template, and using the primer set of claim 2 or 3, or the primer of claim 16; and
b) recovering the synthesized product.
- 25 20. The method of claim 19, wherein the cDNA library is obtainable by oligo-capping method.
21. The method of claim 19, wherein the complementary strand is obtainable by PCR.
22. A method for detecting the polynucleotide of claim 8, the method comprising:
- 30 a) incubating a target polynucleotide with the oligonucleotide of claim 15 under the conditions where hybridization occurs, and
b) detecting the hybridization of the target polynucleotide with the oligonucleotide of claim 15.
- 35 23. A database of polynucleotides and/or proteins, the database comprising information on at least one sequence selected from the nucleotide sequences of claim 8 (a) and/or the amino acid sequences of claim 8 (b), or a medium on which the database is stored.

Figure 1

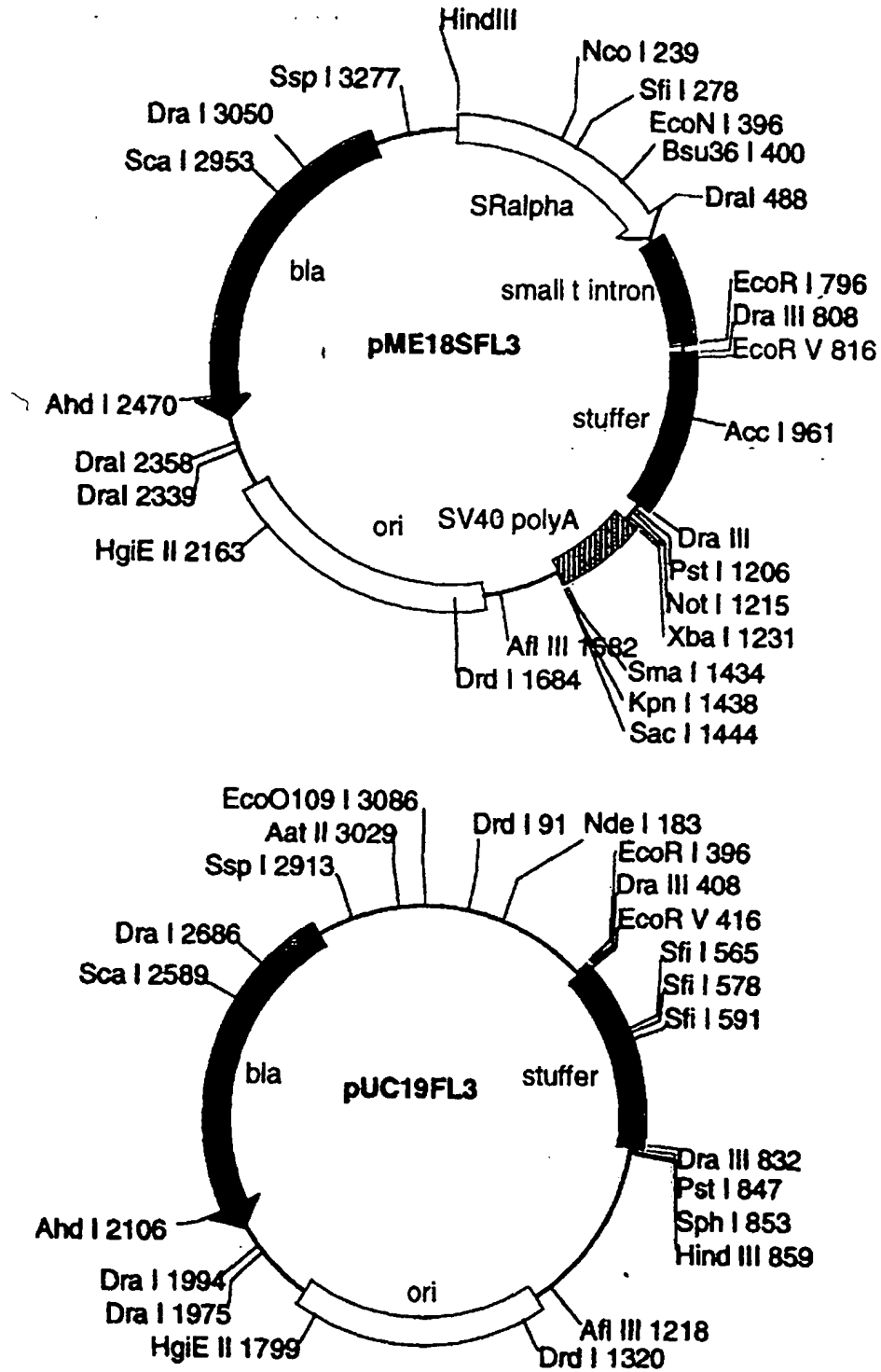


Figure 2

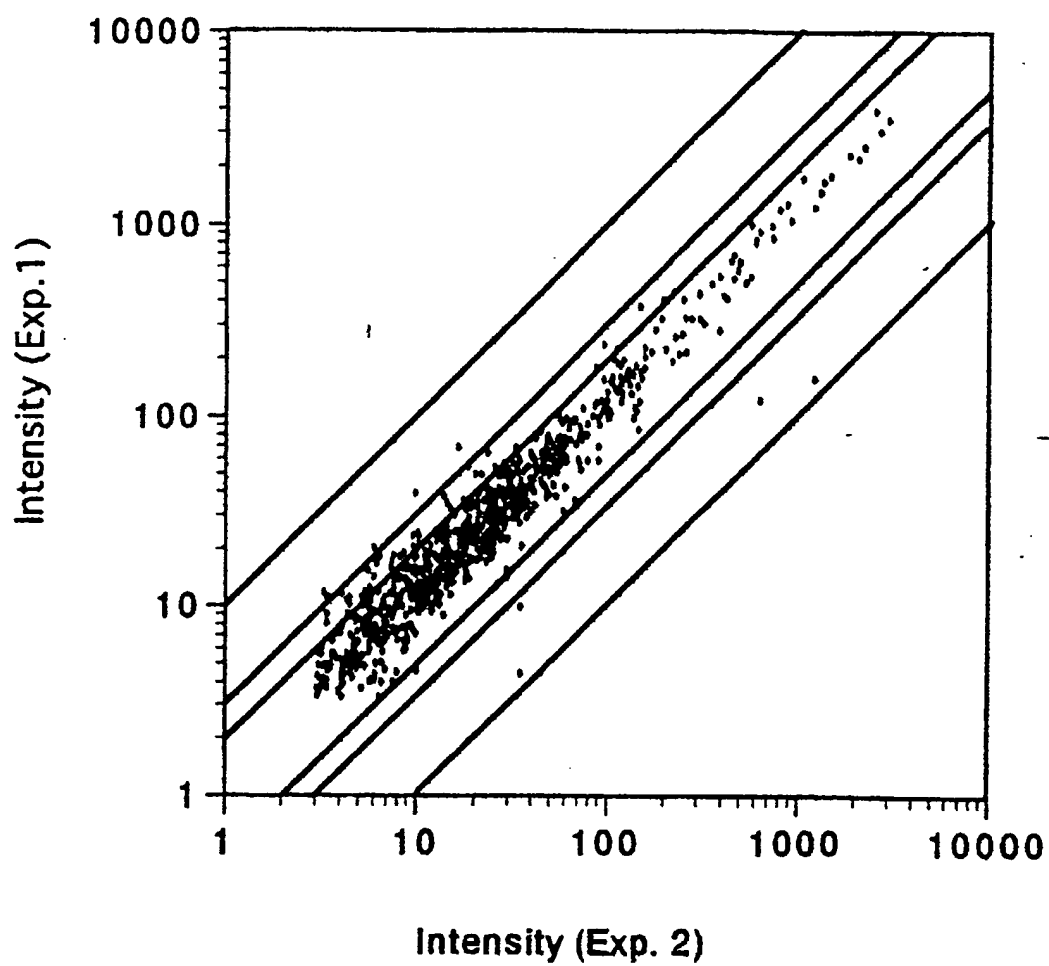
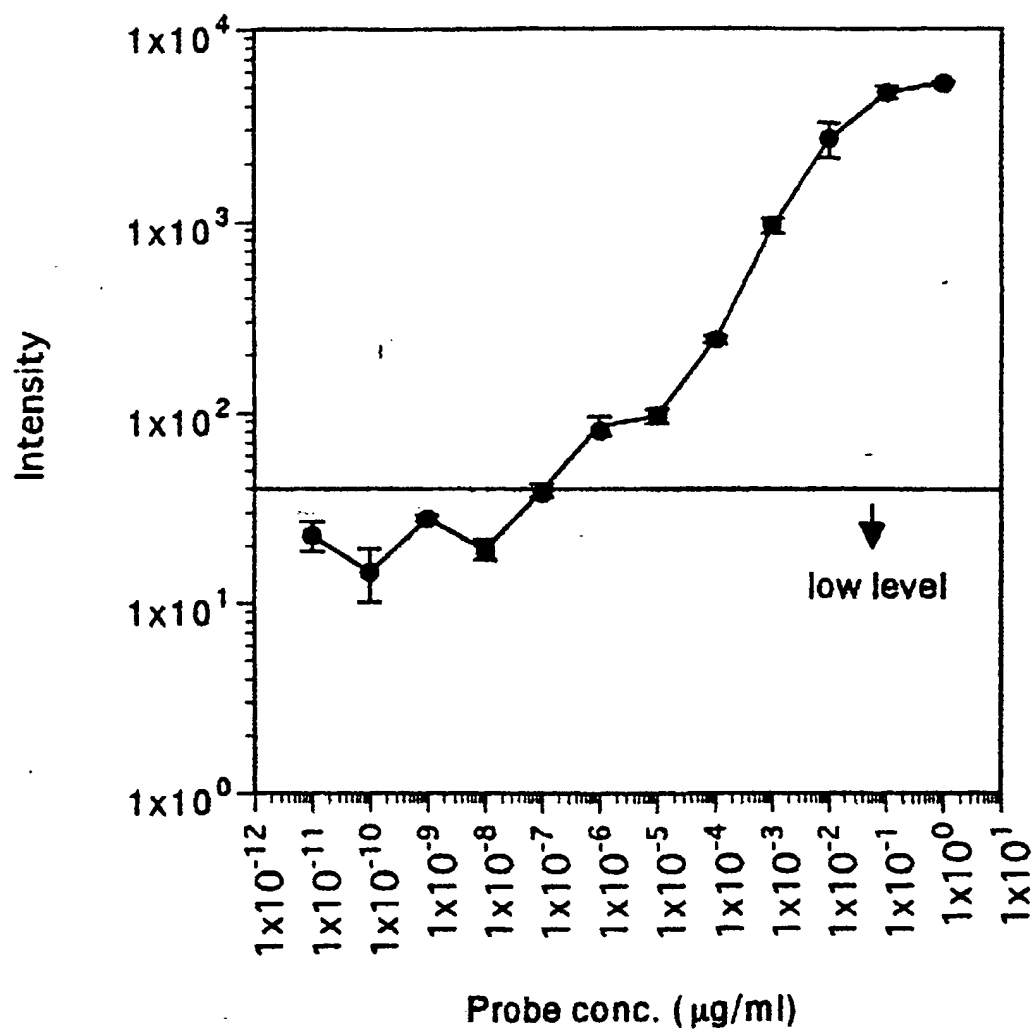


Figure 3



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

5480 / SEQ ID NO: 10398, SEQ ID NO: 5481 / SEQ ID NO: 10399, SEQ ID NO: 5482 / SEQ
 ID NO: 10400, SEQ ID NO: 5483 / SEQ ID NO: 10401, SEQ ID NO: 5484 / SEQ ID NO:
 10402, SEQ ID NO: 5485 / SEQ ID NO: 10403, SEQ ID NO: 5486 / SEQ ID NO: 10404, SEQ
 5 ID NO: 5487 / SEQ ID NO: 10405, SEQ ID NO: 5488 / SEQ ID NO: 10406, SEQ ID NO: 5489
 / SEQ ID NO: 10407, SEQ ID NO: 5490 / SEQ ID NO: 10408, SEQ ID NO: 5491 / SEQ ID
 NO: 10409, SEQ ID NO: 5492 / SEQ ID NO: 10410, SEQ ID NO: 5493 / SEQ ID NO: 10411,
 SEQ ID NO: 5494 / SEQ ID NO: 10412, SEQ ID NO: 5496 / SEQ ID NO: 10413, SEQ ID NO:
 10 5497 / SEQ ID NO: 10414, SEQ ID NO: 5498 / SEQ ID NO: 10415, SEQ ID NO: 5499 / SEQ
 ID NO: 10416, SEQ ID NO: 5500 / SEQ ID NO: 10417, SEQ ID NO: 5501 / SEQ ID NO:
 10418, SEQ ID NO: 5502 / SEQ ID NO: 10419, SEQ ID NO: 5503 / SEQ ID NO: 10420, SEQ
 ID NO: 5504 / SEQ ID NO: 10421, SEQ ID NO: 5505 / SEQ ID NO: 10422, SEQ ID NO: 5506
 / SEQ ID NO: 10423, SEQ ID NO: 5507 / SEQ ID NO: 10424, SEQ ID NO: 5508 / SEQ ID
 15 NO: 10425, SEQ ID NO: 5509 / SEQ ID NO: 10426, SEQ ID NO: 5510 / SEQ ID NO: 10427,
 SEQ ID NO: 5511 / SEQ ID NO: 10428, SEQ ID NO: 5512 / SEQ ID NO: 10429, SEQ ID NO:
 5513 / SEQ ID NO: 10430, SEQ ID NO: 5514 / SEQ ID NO: 10431, SEQ ID NO: 5515 / SEQ
 ID NO: 10432, SEQ ID NO: 5517 / SEQ ID NO: 10433, SEQ ID NO: 5518 / SEQ ID NO:
 10434, SEQ ID NO: 5519 / SEQ ID NO: 10435, SEQ ID NO: 5520 / SEQ ID NO: 10436, SEQ
 ID NO: 5521 / SEQ ID NO: 10437, SEQ ID NO: 5522 / SEQ ID NO: 10438, SEQ ID NO: 5523
 20 / SEQ ID NO: 10439, SEQ ID NO: 5524 / SEQ ID NO: 10440, SEQ ID NO: 5525 / SEQ ID
 NO: 10441, SEQ ID NO: 5526 / SEQ ID NO: 10442, SEQ ID NO: 5527 / SEQ ID NO: 10443,
 SEQ ID NO: 5528 / SEQ ID NO: 10444, SEQ ID NO: 5529 / SEQ ID NO: 10445, SEQ ID NO:
 5530 / SEQ ID NO: 10446, SEQ ID NO: 5531 / SEQ ID NO: 10447,
 25 SEQ ID NO: 5532 / SEQ ID NO: 10448, SEQ ID NO: 5533 / SEQ ID NO: 10449, SEQ ID NO:
 5534 / SEQ ID NO: 10450, SEQ ID NO: 5535 / SEQ ID NO: 10451, SEQ ID NO: 5536 / SEQ
 ID NO: 10452, SEQ ID NO: 5537 / SEQ ID NO: 10453, SEQ ID NO: 5538 / SEQ ID NO:
 10454, SEQ ID NO: 5539 / SEQ ID NO: 10455, SEQ ID NO: 5540 / SEQ ID NO: 10456, SEQ
 ID NO: 5541 / SEQ ID NO: 10457, SEQ ID NO: 5542 / SEQ ID NO: 10458, SEQ ID NO: 5543
 30 / SEQ ID NO: 10459, SEQ ID NO: 5544 / SEQ ID NO: 10460, SEQ ID NO: 5545 / SEQ ID
 NO: 10461, SEQ ID NO: 5546 / SEQ ID NO: 10462, SEQ ID NO: 5547 / SEQ ID NO: 10463
 SEQ ID NO: 16111 / SEQ ID NO: 16165, SEQ ID NO: 16112 / SEQ ID NO: 16166, SEQ ID
 NO: 16113 / SEQ ID NO: 16167, SEQ ID NO: 16114 / SEQ ID NO: 16168, SEQ ID NO: 16115
 / SEQ ID NO: 16169, SEQ ID NO: 16116 / SEQ ID NO: 16170, SEQ ID NO: 16117 / SEQ ID
 35 NO: 16171, SEQ ID NO: 16118 / SEQ ID NO: 16172, SEQ ID NO: 16119 / SEQ ID NO: 16173,
 SEQ ID NO: 16120 / SEQ ID NO: 16174, SEQ ID NO: 16121 / SEQ ID NO: 16175, SEQ ID
 NO: 16122 / SEQ ID NO: 16176, SEQ ID NO: 16123 / SEQ ID NO: 16177, SEQ ID NO: 16124
 / SEQ ID NO: 16178, SEQ ID NO: 16125 / SEQ ID NO: 16179, SEQ ID NO: 16126 / SEQ ID
 NO: 16180, SEQ ID NO: 16127 / SEQ ID NO: 16181, SEQ ID NO: 16128 / SEQ ID NO: 16182,
 40 SEQ ID NO: 16129 / SEQ ID NO: 16183, SEQ ID NO: 16130 / SEQ ID NO: 16184, SEQ ID
 NO: 16131 / SEQ ID NO: 16185, SEQ ID NO: 16132 / SEQ ID NO: 16186, SEQ ID NO: 16133
 / SEQ ID NO: 16187, SEQ ID NO: 16134 / SEQ ID NO: 16188, SEQ ID NO: 16135 / SEQ ID
 NO: 16189, SEQ ID NO: 16136 / SEQ ID NO: 16190, SEQ ID NO: 16137 / SEQ ID NO: 16191,
 SEQ ID NO: 16138 / SEQ ID NO: 16192, SEQ ID NO: 16139 / SEQ ID NO: 16193, SEQ ID
 45 NO: 16140 / SEQ ID NO: 16194, SEQ ID NO: 16141 / SEQ ID NO: 16195, SEQ ID NO: 16142
 / SEQ ID NO: 16196, SEQ ID NO: 16143 / SEQ ID NO: 16197, SEQ ID NO: 16144 / SEQ ID
 NO: 16198, SEQ ID NO: 16145 / SEQ ID NO: 16199, SEQ ID NO: 16146 / SEQ ID NO: 16200,
 SEQ ID NO: 16147 / SEQ ID NO: 16201, SEQ ID NO: 16148 / SEQ ID NO: 16202, SEQ ID
 NO: 16149 / SEQ ID NO: 16203, SEQ ID NO: 16150 / SEQ ID NO: 16204, SEQ ID NO: 16151
 50 / SEQ ID NO: 16205, SEQ ID NO: 16152 / SEQ ID NO: 16206, SEQ ID NO: 16153 / SEQ ID
 NO: 16207, SEQ ID NO: 16154 / SEQ ID NO: 16208, SEQ ID NO: 16155 / SEQ ID NO: 16209,
 SEQ ID NO: 16156 / SEQ ID NO: 16210, SEQ ID NO: 16157 / SEQ ID NO: 16211, SEQ ID
 NO: 16158 / SEQ ID NO: 16212, SEQ ID NO: 16159 / SEQ ID NO: 16213, SEQ ID NO: 16160
 / SEQ ID NO: 16214, SEQ ID NO: 16161 / SEQ ID NO: 16215, SEQ ID NO: 16162 / SEQ ID

NO: 16216, SEQ ID NO: 16163 / SEQ ID NO: 16217, and SEQ ID NO: 16164 / SEQ ID NO: 16218

- 5 4. A polynucleotide which can be synthesized with the primer set of claim 2 or 3.
5. A polynucleotide comprising a coding region in the polynucleotide of claim 4.
6. A substantially pure protein encoded by polynucleotide of claim 4.
- 10 7. A partial peptide of the protein of claim 6.
8. An isolated polynucleotide selected from the group consisting of
- 15 (a) a polynucleotide comprising a coding region of the nucleotide sequence set forth in any one of the following
SEQ ID NOs:

20

25

30

35

40

45

50

55

SEQ ID NO: 10468, SEQ ID NO: 10470, SEQ ID NO: 10471, SEQ ID NO: 10472, SEQ ID
NO: 10473, SEQ ID NO: 10475, SEQ ID NO: 10477, SEQ ID NO: 10479, SEQ ID NO: 10481,
SEQ ID NO: 10483, SEQ ID NO: 10485, SEQ ID NO: 10487, SEQ ID NO: 10488, SEQ ID
5 NO: 10489, SEQ ID NO: 10491, SEQ ID NO: 10493, SEQ ID NO: 10495, SEQ ID NO: 10496,
SEQ ID NO: 10497, SEQ ID NO: 10498, SEQ ID NO: 10500, SEQ ID NO: 10502, SEQ ID
NO: 10503, SEQ ID NO: 10504, SEQ ID NO: 10505, SEQ ID NO: 10507, SEQ ID NO: 10508,
SEQ ID NO: 10510, SEQ ID NO: 10511, SEQ ID NO: 10512, SEQ ID NO: 10514, SEQ ID
10 NO: 10516, SEQ ID NO: 10517, SEQ ID NO: 10519, SEQ ID NO: 10521, SEQ ID NO: 10523,
SEQ ID NO: 10524, SEQ ID NO: 10526, SEQ ID NO: 10528, SEQ ID NO: 10529, SEQ ID
NO: 10530, SEQ ID NO: 10532, SEQ ID NO: 10534, SEQ ID NO: 10535, SEQ ID NO: 10537,
SEQ ID NO: 10539, SEQ ID NO: 10540, SEQ ID NO: 10542, SEQ ID NO: 10543, SEQ ID
NO: 10545, SEQ ID NO: 10546, SEQ ID NO: 10548, SEQ ID NO: 10550, SEQ ID NO: 10551,
15 SEQ ID NO: 10553, SEQ ID NO: 10555, SEQ ID NO: 10556, SEQ ID NO: 10557, SEQ ID
NO: 10558, SEQ ID NO: 10560, SEQ ID NO: 10562, SEQ ID NO: 10564, SEQ ID NO: 10566,
SEQ ID NO: 10567, SEQ ID NO: 10569, SEQ ID NO: 10571, SEQ ID NO: 10573, SEQ ID
NO: 10574, SEQ ID NO: 10576, SEQ ID NO: 10578, SEQ ID NO: 10580, SEQ ID NO: 10582,
20 SEQ ID NO: 10584, SEQ ID NO: 10586, SEQ ID NO: 10588, SEQ ID NO: 10590, SEQ ID
NO: 10592, SEQ ID NO: 10594, SEQ ID NO: 10596, SEQ ID NO: 10597, SEQ ID NO: 10599,
SEQ ID NO: 10601, SEQ ID NO: 10603, SEQ ID NO: 10604, SEQ ID NO: 10606, SEQ ID
NO: 10607, SEQ ID NO: 10609, SEQ ID NO: 10611, SEQ ID NO: 10613, SEQ ID NO: 10614,
SEQ ID NO: 10615, SEQ ID NO: 10616, SEQ ID NO: 10618, SEQ ID NO: 10619, SEQ ID
25 NO: 10620, SEQ ID NO: 10622, SEQ ID NO: 10624, SEQ ID NO: 10625, SEQ ID NO: 10627,
SEQ ID NO: 10629,
SEQ ID NO: 10630, SEQ ID NO: 10632, SEQ ID NO: 10633, SEQ ID NO: 10635, SEQ ID
NO: 10637, SEQ ID NO: 10639, SEQ ID NO: 10641, SEQ ID NO: 10642, SEQ ID NO: 10644,
30 SEQ ID NO: 10646, SEQ ID NO: 10647, SEQ ID NO: 10648, SEQ ID NO: 10649, SEQ ID
NO: 10650, SEQ ID NO: 10652, SEQ ID NO: 10654, SEQ ID NO: 10655, SEQ ID NO: 10656,
SEQ ID NO: 10658, SEQ ID NO: 10659, SEQ ID NO: 10661, SEQ ID NO: 10663, SEQ ID
NO: 10665, SEQ ID NO: 10667, SEQ ID NO: 10669, SEQ ID NO: 10670, SEQ ID NO: 10671,
SEQ ID NO: 10673, SEQ ID NO: 10674, SEQ ID NO: 10676, SEQ ID NO: 10678, SEQ ID
35 NO: 10680, SEQ ID NO: 10682, SEQ ID NO: 10683, SEQ ID NO: 10685, SEQ ID NO: 10687,
SEQ ID NO: 10689, SEQ ID NO: 10691, SEQ ID NO: 10693, SEQ ID NO: 10695, SEQ ID
NO: 10696, SEQ ID NO: 10698, SEQ ID NO: 10700, SEQ ID NO: 10702, SEQ ID NO: 10704,
SEQ ID NO: 10706, SEQ ID NO: 10708, SEQ ID NO: 10710, SEQ ID NO: 10711, SEQ ID
40 NO: 10713, SEQ ID NO: 10715, SEQ ID NO: 10717, SEQ ID NO: 10718, SEQ ID NO: 10720,
SEQ ID NO: 10722, SEQ ID NO: 10723, SEQ ID NO: 10725, SEQ ID NO: 10727, SEQ ID
NO: 10728, SEQ ID NO: 10730, SEQ ID NO: 10732, SEQ ID NO: 10734, SEQ ID NO: 10736,
SEQ ID NO: 10738, SEQ ID NO: 10740, SEQ ID NO: 10742, SEQ ID NO: 10744, SEQ ID
45 NO: 10746, SEQ ID NO: 10748, SEQ ID NO: 10750, SEQ ID NO: 10752, SEQ ID NO: 10753,
SEQ ID NO: 10754, SEQ ID NO: 10756, SEQ ID NO: 10757, SEQ ID NO: 10758, SEQ ID
NO: 10760, SEQ ID NO: 10761, SEQ ID NO: 10763, SEQ ID NO: 10765, SEQ ID NO: 10767,
SEQ ID NO: 10769, SEQ ID NO: 10771, SEQ ID NO: 10773, SEQ ID NO: 10774, SEQ ID
NO: 10776, SEQ ID NO: 10778, SEQ ID NO: 10780, SEQ ID NO: 10781, SEQ ID NO: 10783,
50

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

SEQ ID NO: 18938, SEQ ID NO: 18940, SEQ ID NO: 18941, SEQ ID NO: 18943, SEQ ID
NO: 18944, SEQ ID NO: 18946, SEQ ID NO: 18947, SEQ ID NO: 18949, SEQ ID NO: 18951,
SEQ ID NO: 18953, SEQ ID NO: 18955, SEQ ID NO: 18956, SEQ ID NO: 18957, SEQ ID
NO: 18958, SEQ ID NO: 18959, SEQ ID NO: 18960, SEQ ID NO: 18962, SEQ ID NO: 18964,
SEQ ID NO: 18966, SEQ ID NO: 18968, SEQ ID NO: 18969, SEQ ID NO: 18970, SEQ ID
NO: 18972, SEQ ID NO: 18973, SEQ ID NO: 18975, SEQ ID NO: 18976, SEQ ID NO: 18978,
SEQ ID NO: 18980,
SEQ ID NO: 18981, SEQ ID NO: 18982, SEQ ID NO: 18983, SEQ ID NO: 18984, SEQ ID
NO: 18985, SEQ ID NO: 18986, SEQ ID NO: 18987, SEQ ID NO: 18988, SEQ ID NO: 18989,
SEQ ID NO: 18990, SEQ ID NO: 18992, SEQ ID NO: 18993, SEQ ID NO: 18995, SEQ ID
NO: 18997, SEQ ID NO: 18998, SEQ ID NO: 18999, SEQ ID NO: 19000, SEQ ID NO: 19001,
SEQ ID NO: 19002, SEQ ID NO: 19004, SEQ ID NO: 19006
SEQ ID NO: 19007, SEQ ID NO: 19009, SEQ ID NO: 19011, SEQ ID NO: 19012, SEQ ID
NO: 19013, SEQ ID NO: 19014, SEQ ID NO: 19016, SEQ ID NO: 19018, SEQ ID NO: 19020,
SEQ ID NO: 19022, SEQ ID NO: 19024, and SEQ ID NO: 19025

(b) a polynucleotide comprising a nucleotide sequence encoding a protein comprising the amino acid sequence
set forth in any one of the following SEQ ID NOs:

SEQ ID NO:10469, SEQ ID NO:10474, SEQ ID NO:10476, SEQ ID NO:10478, SEQ ID
NO:10480, SEQ ID NO:10482, SEQ ID NO:10484, SEQ ID NO:10486, SEQ ID NO:10490,
SEQ ID NO:10492, SEQ ID NO:10494, SEQ ID NO:10499, SEQ ID NO:10501, SEQ ID
5 NO:10506, SEQ ID NO:10509, SEQ ID NO:10513, SEQ ID NO:10515, SEQ ID NO:10518,
SEQ ID NO:10520, SEQ ID NO:10522, SEQ ID NO:10525, SEQ ID NO:10527, SEQ ID
NO:10531, SEQ ID NO:10533, SEQ ID NO:10536, SEQ ID NO:10538, SEQ ID NO:10541,
SEQ ID NO:10544, SEQ ID NO:10547, SEQ ID NO:10549, SEQ ID NO:10552, SEQ ID
10 NO:10554, SEQ ID NO:10559, SEQ ID NO:10561, SEQ ID NO:10563, SEQ ID NO:10565,
SEQ ID NO:10568, SEQ ID NO:10570, SEQ ID NO:10572, SEQ ID NO:10575, SEQ ID
NO:10577, SEQ ID NO:10579, SEQ ID NO:10581, SEQ ID NO:10583, SEQ ID NO:10585,
SEQ ID NO:10587, SEQ ID NO:10589, SEQ ID NO:10591, SEQ ID NO:10593, SEQ ID
15 NO:10595, SEQ ID NO:10598, SEQ ID NO:10600, SEQ ID NO:10602, SEQ ID NO:10605,
SEQ ID NO:10608, SEQ ID NO:10610, SEQ ID NO:10612, SEQ ID NO:10617, SEQ ID
NO:10621, SEQ ID NO:10623, SEQ ID NO:10626, SEQ ID NO:10628, SEQ ID NO:10631,
SEQ ID NO:10634, SEQ ID NO:10636, SEQ ID NO:10638, SEQ ID NO:10640, SEQ ID
NO:10643, SEQ ID NO:10645, SEQ ID NO:10651, SEQ ID NO:10653, SEQ ID NO:10657,
20 SEQ ID NO:10660, SEQ ID NO:10662, SEQ ID NO:10664, SEQ ID NO:10666, SEQ ID
NO:10668, SEQ ID NO:10672, SEQ ID NO:10675, SEQ ID NO:10677, SEQ ID NO:10679,
SEQ ID NO:10681, SEQ ID NO:10684, SEQ ID NO:10686, SEQ ID NO:10688, SEQ ID
NO:10690, SEQ ID NO:10692, SEQ ID NO:10694, SEQ ID NO:10697, SEQ ID NO:10699,
25 SEQ ID NO:10701, SEQ ID NO:10703, SEQ ID NO:10705, SEQ ID NO:10707, SEQ ID
NO:10709, SEQ ID NO:10712, SEQ ID NO:10714, SEQ ID NO:10716, SEQ ID NO:10719,
SEQ ID NO:10721,
SEQ ID NO:10724, SEQ ID NO:10726, SEQ ID NO:10729, SEQ ID NO:10731, SEQ ID
30 NO:10733, SEQ ID NO:10735, SEQ ID NO:10737, SEQ ID NO:10739, SEQ ID NO:10741,
SEQ ID NO:10743, SEQ ID NO:10745, SEQ ID NO:10747, SEQ ID NO:10749, SEQ ID
NO:10751, SEQ ID NO:10755, SEQ ID NO:10759, SEQ ID NO:10762, SEQ ID NO:10764,
SEQ ID NO:10766, SEQ ID NO:10768, SEQ ID NO:10770, SEQ ID NO:10772, SEQ ID
35 NO:10775, SEQ ID NO:10777, SEQ ID NO:10779, SEQ ID NO:10782, SEQ ID NO:10784,
SEQ ID NO:10787, SEQ ID NO:10789, SEQ ID NO:10791, SEQ ID NO:10794, SEQ ID
NO:10796, SEQ ID NO:10798, SEQ ID NO:10801, SEQ ID NO:10803, SEQ ID NO:10806,
SEQ ID NO:10809, SEQ ID NO:10811, SEQ ID NO:10813, SEQ ID NO:10816, SEQ ID
NO:10819, SEQ ID NO:10821, SEQ ID NO:10823, SEQ ID NO:10825, SEQ ID NO:10827,
40 SEQ ID NO:10829, SEQ ID NO:10833, SEQ ID NO:10835, SEQ ID NO:10837, SEQ ID
NO:10839, SEQ ID NO:10843, SEQ ID NO:10846, SEQ ID NO:10848, SEQ ID NO:10851,

[illegible]

[illegible]

[illegible]

SEQ ID NO:12312, SEQ ID NO:12314, SEQ ID NO:12316, SEQ ID NO:12318, SEQ ID
NO:12320, SEQ ID NO:12322, SEQ ID NO:12324, SEQ ID NO:12326, SEQ ID NO:12328,
SEQ ID NO:12330, SEQ ID NO:12332, SEQ ID NO:12334, SEQ ID NO:12336, SEQ ID
NO:12338, SEQ ID NO:12340, SEQ ID NO:12342, SEQ ID NO:12344, SEQ ID NO:12346,
SEQ ID NO:12348, SEQ ID NO:12350, SEQ ID NO:12352, SEQ ID NO:12355, SEQ ID
NO:12357, SEQ ID NO:12359, SEQ ID NO:12361, SEQ ID NO:12363, SEQ ID NO:12365,
SEQ ID NO:12367, SEQ ID NO:12369, SEQ ID NO:12371, SEQ ID NO:12373, SEQ ID
NO:12375, SEQ ID NO:12377, SEQ ID NO:12379, SEQ ID NO:12381, SEQ ID NO:12383,
SEQ ID NO:12385, SEQ ID NO:12387, SEQ ID NO:12389, SEQ ID NO:12391, SEQ ID
NO:12393, SEQ ID NO:12395, SEQ ID NO:12397, SEQ ID NO:12399, SEQ ID NO:12401,
SEQ ID NO:12404, SEQ ID NO:12406, SEQ ID NO:12408, SEQ ID NO:12411, SEQ ID
NO:12413, SEQ ID NO:12415, SEQ ID NO:12418, SEQ ID NO:12420, SEQ ID NO:12422,
SEQ ID NO:12424, SEQ ID NO:12426, SEQ ID NO:12428, SEQ ID NO:12430, SEQ ID
NO:12432, SEQ ID NO:12434, SEQ ID NO:12437, SEQ ID NO:12439, SEQ ID NO:12441,
SEQ ID NO:12443, SEQ ID NO:12445, SEQ ID NO:12447, SEQ ID NO:12449, SEQ ID
NO:12451, SEQ ID NO:12453, SEQ ID NO:12455, SEQ ID NO:12457, SEQ ID NO:12459,
SEQ ID NO:12462,
SEQ ID NO:12464, SEQ ID NO:12466, SEQ ID NO:12468, SEQ ID NO:12470, SEQ ID
NO:12472, SEQ ID NO:12474, SEQ ID NO:12476, SEQ ID NO:12478, SEQ ID NO:12480,
SEQ ID NO:12484, SEQ ID NO:12487, SEQ ID NO:12489, SEQ ID NO:12492, SEQ ID
NO:12494, SEQ ID NO:12497, SEQ ID NO:12499, SEQ ID NO:12501, SEQ ID NO:12504,
SEQ ID NO:12506, SEQ ID NO:12508, SEQ ID NO:12510, SEQ ID NO:12512, SEQ ID
NO:12515, SEQ ID NO:12517, SEQ ID NO:12519, SEQ ID NO:12521, SEQ ID NO:12523,
SEQ ID NO:12525, SEQ ID NO:12527, SEQ ID NO:12530, SEQ ID NO:12532, SEQ ID
NO:12536, SEQ ID NO:12538, SEQ ID NO:12540, SEQ ID NO:12542, SEQ ID NO:12544,
SEQ ID NO:12547, SEQ ID NO:12549, SEQ ID NO:12551, SEQ ID NO:12553, SEQ ID
NO:12558, SEQ ID NO:12560, SEQ ID NO:12562, SEQ ID NO:12564, SEQ ID NO:12566,
SEQ ID NO:12568, SEQ ID NO:12570, SEQ ID NO:12573, SEQ ID NO:12575, SEQ ID
NO:12577, SEQ ID NO:12579, SEQ ID NO:12582, SEQ ID NO:12584, SEQ ID NO:12586,
SEQ ID NO:12588, SEQ ID NO:12590, SEQ ID NO:12594, SEQ ID NO:12596, SEQ ID
NO:12598, SEQ ID NO:12600, SEQ ID NO:12602, SEQ ID NO:12604, SEQ ID NO:12606,
SEQ ID NO:12610, SEQ ID NO:12612, SEQ ID NO:12614, SEQ ID NO:12616, SEQ ID
NO:12618, SEQ ID NO:12620, SEQ ID NO:12624, SEQ ID NO:12626, SEQ ID NO:12629,
SEQ ID NO:12631, SEQ ID NO:12633, SEQ ID NO:12635, SEQ ID NO:12637, SEQ ID
NO:12639, SEQ ID NO:12641, SEQ ID NO:12643, SEQ ID NO:12645, SEQ ID NO:12647,
SEQ ID NO:12650, SEQ ID NO:12652, SEQ ID NO:12654, SEQ ID NO:12656, SEQ ID
NO:12658, SEQ ID NO:12661, SEQ ID NO:12663, SEQ ID NO:12666, SEQ ID NO:12668,
SEQ ID NO:12670, SEQ ID NO:12672, SEQ ID NO:12674, SEQ ID NO:12676, SEQ ID
NO:12678, SEQ ID NO:12680, SEQ ID NO:12682, SEQ ID NO:12684, SEQ ID NO:12686,
SEQ ID NO:12688,
SEQ ID NO:12690, SEQ ID NO:12692, SEQ ID NO:12694, SEQ ID NO:12696, SEQ ID
NO:12699, SEQ ID NO:12701, SEQ ID NO:12704, SEQ ID NO:12706, SEQ ID NO:12708,
SEQ ID NO:12712, SEQ ID NO:12714, SEQ ID NO:12716, SEQ ID NO:12718, SEQ ID
NO:12720, SEQ ID NO:12722, SEQ ID NO:12724, SEQ ID NO:12727, SEQ ID NO:12729,
SEQ ID NO:12732, SEQ ID NO:12734, SEQ ID NO:12736, SEQ ID NO:12738, SEQ ID
NO:12740, SEQ ID NO:12742, SEQ ID NO:12744, SEQ ID NO:12746, SEQ ID NO:12748,
SEQ ID NO:12750, SEQ ID NO:12752, SEQ ID NO:12755, SEQ ID NO:12757, SEQ ID
NO:12759, SEQ ID NO:12761, SEQ ID NO:12766, SEQ ID NO:12768, SEQ ID NO:12772,
SEQ ID NO:12774, SEQ ID NO:12777, SEQ ID NO:12779, SEQ ID NO:12782, SEQ ID
NO:12784, SEQ ID NO:12786, SEQ ID NO:12788, SEQ ID NO:12790, SEQ ID NO:12792,
SEQ ID NO:12794, SEQ ID NO:12796, SEQ ID NO:12802, SEQ ID NO:12804, SEQ ID
NO:12807, SEQ ID NO:12809, SEQ ID NO:12811, SEQ ID NO:12814, SEQ ID NO:12816,

[illegible]

[illegible]

5
10
15
20
25
30
35
40
45
50
55

5
10
15
20
25
30
35
40
45
50
55

NO:14972, SEQ ID NO:14974, SEQ ID NO:14976, SEQ ID NO:14978, SEQ ID NO:14980,
SEQ ID NO:14983,
SEQ ID NO:14985, SEQ ID NO:14989, SEQ ID NO:14991, SEQ ID NO:14995, SEQ ID
5 NO:14997, SEQ ID NO:14999, SEQ ID NO:15001, SEQ ID NO:15003, SEQ ID NO:15008,
SEQ ID NO:15010, SEQ ID NO:15014, SEQ ID NO:15016, SEQ ID NO:15018, SEQ ID
NO:15020, SEQ ID NO:15022, SEQ ID NO:15024, SEQ ID NO:15027, SEQ ID NO:15030,
SEQ ID NO:15032, SEQ ID NO:15034, SEQ ID NO:15036, SEQ ID NO:15038, SEQ ID
10 NO:15041, SEQ ID NO:15043, SEQ ID NO:15045, SEQ ID NO:15047, SEQ ID NO:15049,
SEQ ID NO:15052, SEQ ID NO:15054, SEQ ID NO:15056, SEQ ID NO:15058, SEQ ID
NO:15061, SEQ ID NO:15063, SEQ ID NO:15065, SEQ ID NO:15068, SEQ ID NO:15070,
SEQ ID NO:15072, SEQ ID NO:15074, SEQ ID NO:15076, SEQ ID NO:15079, SEQ ID
NO:15081, SEQ ID NO:15083, SEQ ID NO:15085, SEQ ID NO:15087, SEQ ID NO:15089,
15 SEQ ID NO:15092, SEQ ID NO:15094, SEQ ID NO:15097, SEQ ID NO:15100, SEQ ID
NO:15102, SEQ ID NO:15104, SEQ ID NO:15106, SEQ ID NO:15108, SEQ ID NO:15110,
SEQ ID NO:15112, SEQ ID NO:15114, SEQ ID NO:15116, SEQ ID NO:15118, SEQ ID
NO:15120, SEQ ID NO:15122, SEQ ID NO:15124, SEQ ID NO:15126, SEQ ID NO:15128,
SEQ ID NO:15131, SEQ ID NO:15133, SEQ ID NO:15135, SEQ ID NO:15137, SEQ ID
20 NO:15139, SEQ ID NO:15141, SEQ ID NO:15143, SEQ ID NO:15145, SEQ ID NO:15149,
SEQ ID NO:15151, SEQ ID NO:15153, SEQ ID NO:15156, SEQ ID NO:15158, SEQ ID
NO:15160, SEQ ID NO:15162, SEQ ID NO:15164, SEQ ID NO:15166, SEQ ID NO:15170,
SEQ ID NO:15172, SEQ ID NO:15174, SEQ ID NO:15176, SEQ ID NO:15178, SEQ ID
NO:15180, SEQ ID NO:15182, SEQ ID NO:15184, SEQ ID NO:15186, SEQ ID NO:15188,
25 SEQ ID NO:15190, SEQ ID NO:15193, SEQ ID NO:15195, SEQ ID NO:15197, SEQ ID
NO:15199, SEQ ID NO:15202, SEQ ID NO:15204, SEQ ID NO:15206, SEQ ID NO:15208,
SEQ ID NO:15210,
SEQ ID NO:15212, SEQ ID NO:15214, SEQ ID NO:15216, SEQ ID NO:15218, SEQ ID
30 NO:15221, SEQ ID NO:15223, SEQ ID NO:15225, SEQ ID NO:15227, SEQ ID NO:15229,
SEQ ID NO:15231, SEQ ID NO:15233, SEQ ID NO:15235, SEQ ID NO:15237, SEQ ID
NO:15239, SEQ ID NO:15241, SEQ ID NO:15243, SEQ ID NO:15245, SEQ ID NO:15247,
SEQ ID NO:15249, SEQ ID NO:15251, SEQ ID NO:15253, SEQ ID NO:15255, SEQ ID
NO:15257, SEQ ID NO:15260, SEQ ID NO:15262, SEQ ID NO:15264, SEQ ID NO:15266,
35 SEQ ID NO:15268, SEQ ID NO:15270, SEQ ID NO:15273, SEQ ID NO:15275, SEQ ID
NO:15277, SEQ ID NO:15279, SEQ ID NO:15281, SEQ ID NO:15284, SEQ ID NO:15286,
SEQ ID NO:15288, SEQ ID NO:15290, SEQ ID NO:15293, SEQ ID NO:15296, SEQ ID
NO:15299, SEQ ID NO:15303, SEQ ID NO:15306, SEQ ID NO:15308, SEQ ID NO:15310,
SEQ ID NO:15312, SEQ ID NO:15314, SEQ ID NO:15317, SEQ ID NO:15320, SEQ ID
40 NO:15322, SEQ ID NO:15324, SEQ ID NO:15326, SEQ ID NO:15328, SEQ ID NO:15330,
SEQ ID NO:15332, SEQ ID NO:15335, SEQ ID NO:15337, SEQ ID NO:15339, SEQ ID
NO:15341, SEQ ID NO:15343, SEQ ID NO:15345, SEQ ID NO:15347, SEQ ID NO:15349,
SEQ ID NO:15351, SEQ ID NO:15353, SEQ ID NO:15356, SEQ ID NO:15358, SEQ ID
NO:15360, SEQ ID NO:15362, SEQ ID NO:15365, SEQ ID NO:15367, SEQ ID NO:15369,
45 SEQ ID NO:15371, SEQ ID NO:15373, SEQ ID NO:15375, SEQ ID NO:15377, SEQ ID
NO:15379, SEQ ID NO:15381, SEQ ID NO:15383, SEQ ID NO:15385, SEQ ID NO:15387,
SEQ ID NO:15389, SEQ ID NO:15392, SEQ ID NO:15394, SEQ ID NO:15398, SEQ ID
NO:15400, SEQ ID NO:15402, SEQ ID NO:15405, SEQ ID NO:15408, SEQ ID NO:15410,
50 SEQ ID NO:15413, SEQ ID NO:15415, SEQ ID NO:15418, SEQ ID NO:15420, SEQ ID
NO:15422, SEQ ID NO:15424, SEQ ID NO:15426, SEQ ID NO:15428, SEQ ID NO:15430,
SEQ ID NO:15432,
SEQ ID NO:15434, SEQ ID NO:15437, SEQ ID NO:15440, SEQ ID NO:15444, SEQ ID
NO:15452, SEQ ID NO:15454, SEQ ID NO:15456, SEQ ID NO:15458, SEQ ID NO:15460,
55 SEQ ID NO:15462, SEQ ID NO:15464, SEQ ID NO:15466, SEQ ID NO:15468, SEQ ID
NO:15470, SEQ ID NO:15472, SEQ ID NO:15474, SEQ ID NO:15476, SEQ ID NO:15479,

[illegible]

SEQ ID NO:16034, SEQ ID NO:16036, SEQ ID NO:16038, SEQ ID NO:16040, SEQ ID
NO:16042, SEQ ID NO:16044, SEQ ID NO:16046, SEQ ID NO:16050, SEQ ID NO:16053,
SEQ ID NO:16055, SEQ ID NO:16058, SEQ ID NO:16060, SEQ ID NO:16062, SEQ ID
NO:16064, SEQ ID NO:16066, SEQ ID NO:16068, SEQ ID NO:16070, SEQ ID NO:16072,
SEQ ID NO:16074, SEQ ID NO:16076, SEQ ID NO:16078, SEQ ID NO:16080, SEQ ID
NO:16082, SEQ ID NO:16084, SEQ ID NO:16086, SEQ ID NO:16088, SEQ ID NO:16090,
SEQ ID NO:16092, SEQ ID NO:16094, SEQ ID NO:16096, SEQ ID NO:16098, SEQ ID
NO:16100, SEQ ID NO:16102, SEQ ID NO:16104, SEQ ID NO:16106, SEQ ID NO:16108,
SEQ ID NO:16110,
SEQ ID NO:16221, SEQ ID NO:16223, SEQ ID NO:16227, SEQ ID NO:16231, SEQ ID
NO:16234, SEQ ID NO:16237, SEQ ID NO:16239, SEQ ID NO:16241, SEQ ID NO:16244,
SEQ ID NO:16256, SEQ ID NO:16263, SEQ ID NO:16271, SEQ ID NO:16288, SEQ ID
NO:16290, SEQ ID NO:16292, SEQ ID NO:16296, SEQ ID NO:16298, SEQ ID NO:16300,
SEQ ID NO:16302, SEQ ID NO:16305, SEQ ID NO:16311, SEQ ID NO:16313, SEQ ID
NO:16326, SEQ ID NO:16329, SEQ ID NO:16335, SEQ ID NO:16342, SEQ ID NO:16344,
SEQ ID NO:16349, SEQ ID NO:16355, SEQ ID NO:16357, SEQ ID NO:16361, SEQ ID
NO:16366, SEQ ID NO:16368, SEQ ID NO:16370, SEQ ID NO:16375, SEQ ID NO:16382,
SEQ ID NO:16386, SEQ ID NO:16388, SEQ ID NO:16390, SEQ ID NO:16392, SEQ ID
NO:16397, SEQ ID NO:16399, SEQ ID NO:16405, SEQ ID NO:16407, SEQ ID NO:16410,
SEQ ID NO:16413, SEQ ID NO:16415, SEQ ID NO:16417, SEQ ID NO:16419, SEQ ID
NO:16430, SEQ ID NO:16432, SEQ ID NO:16434, SEQ ID NO:16439, SEQ ID NO:16442,
SEQ ID NO:16444, SEQ ID NO:16446, SEQ ID NO:16463, SEQ ID NO:16466, SEQ ID
NO:16468, SEQ ID NO:16470, SEQ ID NO:16472, SEQ ID NO:16475, SEQ ID NO:16477,
SEQ ID NO:16480, SEQ ID NO:16482, SEQ ID NO:16485, SEQ ID NO:16488, SEQ ID
NO:16491, SEQ ID NO:16493, SEQ ID NO:16495, SEQ ID NO:16498, SEQ ID NO:16502,
SEQ ID NO:16504, SEQ ID NO:16507, SEQ ID NO:16510, SEQ ID NO:16521, SEQ ID
NO:16523, SEQ ID NO:16525, SEQ ID NO:16528, SEQ ID NO:16530, SEQ ID NO:16533,
SEQ ID NO:16538, SEQ ID NO:16541, SEQ ID NO:16543, SEQ ID NO:16545, SEQ ID
NO:16549, SEQ ID NO:16551, SEQ ID NO:16554, SEQ ID NO:16556, SEQ ID NO:16558,
SEQ ID NO:16560, SEQ ID NO:16562, SEQ ID NO:16566, SEQ ID NO:16572, SEQ ID
NO:16582, SEQ ID NO:16584, SEQ ID NO:16587, SEQ ID NO:16590, SEQ ID NO:16592,
SEQ ID NO:16595,
SEQ ID NO:16599, SEQ ID NO:16602, SEQ ID NO:16605, SEQ ID NO:16610, SEQ ID
NO:16616, SEQ ID NO:16619, SEQ ID NO:16621, SEQ ID NO:16623, SEQ ID NO:16625,
SEQ ID NO:16630, SEQ ID NO:16632, SEQ ID NO:16634, SEQ ID NO:16638, SEQ ID
NO:16641, SEQ ID NO:16644, SEQ ID NO:16663, SEQ ID NO:16665, SEQ ID NO:16674,
SEQ ID NO:16680, SEQ ID NO:16685, SEQ ID NO:16688, SEQ ID NO:16690, SEQ ID
NO:16693, SEQ ID NO:16699, SEQ ID NO:16702, SEQ ID NO:16704, SEQ ID NO:16708,
SEQ ID NO:16712, SEQ ID NO:16714, SEQ ID NO:16723, SEQ ID NO:16726, SEQ ID
NO:16728, SEQ ID NO:16730, SEQ ID NO:16732, SEQ ID NO:16741, SEQ ID NO:16743,
SEQ ID NO:16745, SEQ ID NO:16747, SEQ ID NO:16752, SEQ ID NO:16763, SEQ ID
NO:16765, SEQ ID NO:16767, SEQ ID NO:16771, SEQ ID NO:16776, SEQ ID NO:16781,
SEQ ID NO:16784, SEQ ID NO:16786, SEQ ID NO:16788, SEQ ID NO:16791, SEQ ID
NO:16793, SEQ ID NO:16795, SEQ ID NO:16797, SEQ ID NO:16801, SEQ ID NO:16804,
SEQ ID NO:16807, SEQ ID NO:16809, SEQ ID NO:16813, SEQ ID NO:16815, SEQ ID
NO:16818, SEQ ID NO:16822, SEQ ID NO:16825, SEQ ID NO:16845, SEQ ID NO:16847,
SEQ ID NO:16849, SEQ ID NO:16853, SEQ ID NO:16855, SEQ ID NO:16857, SEQ ID
NO:16863, SEQ ID NO:16865, SEQ ID NO:16870, SEQ ID NO:16876, SEQ ID NO:16879,
SEQ ID NO:16884, SEQ ID NO:16892, SEQ ID NO:16896, SEQ ID NO:16901, SEQ ID
NO:16903, SEQ ID NO:16909, SEQ ID NO:16921, SEQ ID NO:16925, SEQ ID NO:16928,
SEQ ID NO:16935, SEQ ID NO:16937, SEQ ID NO:16939, SEQ ID NO:16941, SEQ ID
NO:16943, SEQ ID NO:16947, SEQ ID NO:16954, SEQ ID NO:16956, SEQ ID NO:16960,

SEQ ID NO:16963, SEQ ID NO:16965, SEQ ID NO:16968, SEQ ID NO:16971, SEQ ID
NO:16976, SEQ ID NO:16980, SEQ ID NO:16987, SEQ ID NO:16990, SEQ ID NO:16999,
SEQ ID NO:17003,
5 SEQ ID NO:17019, SEQ ID NO:17025, SEQ ID NO:17028, SEQ ID NO:17032, SEQ ID
NO:17038, SEQ ID NO:17040, SEQ ID NO:17042, SEQ ID NO:17051, SEQ ID NO:17053,
SEQ ID NO:17058, SEQ ID NO:17060, SEQ ID NO:17062, SEQ ID NO:17064, SEQ ID
NO:17072, SEQ ID NO:17074, SEQ ID NO:17076, SEQ ID NO:17079, SEQ ID NO:17081,
10 SEQ ID NO:17083, SEQ ID NO:17085, SEQ ID NO:17087, SEQ ID NO:17089, SEQ ID
NO:17091, SEQ ID NO:17093, SEQ ID NO:17095, SEQ ID NO:17097, SEQ ID NO:17099,
SEQ ID NO:17101, SEQ ID NO:17104, SEQ ID NO:17106, SEQ ID NO:17109, SEQ ID
NO:17111, SEQ ID NO:17113, SEQ ID NO:17115, SEQ ID NO:17117, SEQ ID NO:17120,
SEQ ID NO:17122, SEQ ID NO:17124, SEQ ID NO:17127, SEQ ID NO:17129, SEQ ID
15 NO:17131, SEQ ID NO:17133, SEQ ID NO:17135, SEQ ID NO:17137, SEQ ID NO:17140,
SEQ ID NO:17142, SEQ ID NO:17144, SEQ ID NO:17146, SEQ ID NO:17148, SEQ ID
NO:17150, SEQ ID NO:17152, SEQ ID NO:17154, SEQ ID NO:17156, SEQ ID NO:17158,
SEQ ID NO:17161, SEQ ID NO:17163, SEQ ID NO:17165, SEQ ID NO:17167, SEQ ID
NO:17169, SEQ ID NO:17171, SEQ ID NO:17173, SEQ ID NO:17175, SEQ ID NO:17177,
20 SEQ ID NO:17179, SEQ ID NO:17181, SEQ ID NO:17184, SEQ ID NO:17186, SEQ ID
NO:17188, SEQ ID NO:17191, SEQ ID NO:17194, SEQ ID NO:17196, SEQ ID NO:17198,
SEQ ID NO:17200, SEQ ID NO:17203, SEQ ID NO:17205, SEQ ID NO:17207, SEQ ID
NO:17211, SEQ ID NO:17215, SEQ ID NO:17217, SEQ ID NO:17219, SEQ ID NO:17221,
SEQ ID NO:17223, SEQ ID NO:17225, SEQ ID NO:17227, SEQ ID NO:17229, SEQ ID
25 NO:17231, SEQ ID NO:17233, SEQ ID NO:17235, SEQ ID NO:17237, SEQ ID NO:17239,
SEQ ID NO:17241, SEQ ID NO:17243, SEQ ID NO:17245, SEQ ID NO:17247, SEQ ID
NO:17250, SEQ ID NO:17252, SEQ ID NO:17254, SEQ ID NO:17257, SEQ ID NO:17260,
SEQ ID NO:17262,
30 SEQ ID NO:17266, SEQ ID NO:17269, SEQ ID NO:17271, SEQ ID NO:17273, SEQ ID
NO:17276, SEQ ID NO:17278, SEQ ID NO:17280, SEQ ID NO:17282, SEQ ID NO:17284,
SEQ ID NO:17286, SEQ ID NO:17288, SEQ ID NO:17291, SEQ ID NO:17293, SEQ ID
NO:17295, SEQ ID NO:17298, SEQ ID NO:17301, SEQ ID NO:17303, SEQ ID NO:17306,
SEQ ID NO:17308, SEQ ID NO:17311, SEQ ID NO:17313, SEQ ID NO:17317, SEQ ID
35 NO:17319, SEQ ID NO:17321, SEQ ID NO:17323, SEQ ID NO:17325, SEQ ID NO:17327,
SEQ ID NO:17329, SEQ ID NO:17331, SEQ ID NO:17333, SEQ ID NO:17335, SEQ ID
NO:17337, SEQ ID NO:17339, SEQ ID NO:17342, SEQ ID NO:17346, SEQ ID NO:17348,
SEQ ID NO:17350, SEQ ID NO:17352, SEQ ID NO:17354, SEQ ID NO:17357, SEQ ID
NO:17359, SEQ ID NO:17361, SEQ ID NO:17363, SEQ ID NO:17367, SEQ ID NO:17369,
40 SEQ ID NO:17373, SEQ ID NO:17375, SEQ ID NO:17379, SEQ ID NO:17382, SEQ ID
NO:17384, SEQ ID NO:17386, SEQ ID NO:17389, SEQ ID NO:17391, SEQ ID NO:17394,
SEQ ID NO:17396, SEQ ID NO:17400, SEQ ID NO:17403, SEQ ID NO:17405, SEQ ID
NO:17407, SEQ ID NO:17409, SEQ ID NO:17411, SEQ ID NO:17413, SEQ ID NO:17415,
SEQ ID NO:17417, SEQ ID NO:17419, SEQ ID NO:17421, SEQ ID NO:17423, SEQ ID
45 NO:17425, SEQ ID NO:17428, SEQ ID NO:17431, SEQ ID NO:17435, SEQ ID NO:17439,
SEQ ID NO:17441, SEQ ID NO:17444, SEQ ID NO:17446, SEQ ID NO:17448, SEQ ID
NO:17451, SEQ ID NO:17453, SEQ ID NO:17455, SEQ ID NO:17458, SEQ ID NO:17462,
SEQ ID NO:17464, SEQ ID NO:17466, SEQ ID NO:17469, SEQ ID NO:17471, SEQ ID
NO:17473, SEQ ID NO:17476, SEQ ID NO:17478, SEQ ID NO:17481, SEQ ID NO:17483,
50 SEQ ID NO:17486, SEQ ID NO:17488, SEQ ID NO:17491, SEQ ID NO:17493, SEQ ID
NO:17495, SEQ ID NO:17497, SEQ ID NO:17499, SEQ ID NO:17501, SEQ ID NO:17503,
SEQ ID NO:17505,
55 SEQ ID NO:17507, SEQ ID NO:17509, SEQ ID NO:17511, SEQ ID NO:17513, SEQ ID
NO:17515, SEQ ID NO:17517, SEQ ID NO:17519, SEQ ID NO:17521, SEQ ID NO:17523,
SEQ ID NO:17525, SEQ ID NO:17528, SEQ ID NO:17530, SEQ ID NO:17534, SEQ ID

[illegible]

NO:18662, SEQ ID NO:18665, SEQ ID NO:18668, SEQ ID NO:18672, SEQ ID NO:18674,
 SEQ ID NO:18676, SEQ ID NO:18678, SEQ ID NO:18680, SEQ ID NO:18682, SEQ ID
 NO:18686, SEQ ID NO:18688, SEQ ID NO:18691, SEQ ID NO:18693, SEQ ID NO:18695,
 SEQ ID NO:18697, SEQ ID NO:18699, SEQ ID NO:18701, SEQ ID NO:18703, SEQ ID
 NO:18705, SEQ ID NO:18709, SEQ ID NO:18711, SEQ ID NO:18713, SEQ ID NO:18715,
 SEQ ID NO:18717, SEQ ID NO:18720, SEQ ID NO:18722, SEQ ID NO:18724, SEQ ID
 NO:18726, SEQ ID NO:18729, SEQ ID NO:18731, SEQ ID NO:18733, SEQ ID NO:18735,
 SEQ ID NO:18737, SEQ ID NO:18739, SEQ ID NO:18741, SEQ ID NO:18743, SEQ ID
 NO:18745, SEQ ID NO:18747, SEQ ID NO:18749, SEQ ID NO:18751, SEQ ID NO:18753,
 SEQ ID NO:18759, SEQ ID NO:18763, SEQ ID NO:18765, SEQ ID NO:18770, SEQ ID
 NO:18773, SEQ ID NO:18775, SEQ ID NO:18777, SEQ ID NO:18779, SEQ ID NO:18781,
 SEQ ID NO:18783, SEQ ID NO:18785, SEQ ID NO:18787, SEQ ID NO:18790, SEQ ID
 NO:18793, SEQ ID NO:18795, SEQ ID NO:18797, SEQ ID NO:18800, SEQ ID NO:18802,
 SEQ ID NO:18804, SEQ ID NO:18806, SEQ ID NO:18809, SEQ ID NO:18811, SEQ ID
 NO:18813, SEQ ID NO:18815, SEQ ID NO:18817, SEQ ID NO:18819, SEQ ID NO:18822,
 SEQ ID NO:18824, SEQ ID NO:18826, SEQ ID NO:18828, SEQ ID NO:18830, SEQ ID
 NO:18832, SEQ ID NO:18834, SEQ ID NO:18836, SEQ ID NO:18840, SEQ ID NO:18843,
 SEQ ID NO:18847, SEQ ID NO:18850, SEQ ID NO:18853, SEQ ID NO:18855, SEQ ID
 NO:18857, SEQ ID NO:18859, SEQ ID NO:18862, SEQ ID NO:18865, SEQ ID NO:18868,
 SEQ ID NO:18870,
 SEQ ID NO:18874, SEQ ID NO:18876, SEQ ID NO:18879, SEQ ID NO:18882, SEQ ID
 NO:18884, SEQ ID NO:18888, SEQ ID NO:18891, SEQ ID NO:18894, SEQ ID NO:18896,
 SEQ ID NO:18898, SEQ ID NO:18900, SEQ ID NO:18902, SEQ ID NO:18906, SEQ ID
 NO:18908, SEQ ID NO:18910, SEQ ID NO:18912, SEQ ID NO:18914, SEQ ID NO:18916,
 SEQ ID NO:18918, SEQ ID NO:18920, SEQ ID NO:18922, SEQ ID NO:18924, SEQ ID
 NO:18926, SEQ ID NO:18929, SEQ ID NO:18931, SEQ ID NO:18933, SEQ ID NO:18935,
 SEQ ID NO:18937, SEQ ID NO:18939, SEQ ID NO:18942, SEQ ID NO:18945, SEQ ID
 NO:18948, SEQ ID NO:18950, SEQ ID NO:18952, SEQ ID NO:18954, SEQ ID NO:18961,
 SEQ ID NO:18963, SEQ ID NO:18965, SEQ ID NO:18967, SEQ ID NO:18971, SEQ ID
 NO:18974, SEQ ID NO:18977, SEQ ID NO:18979,
 SEQ ID NO:18991, SEQ ID NO:18994, SEQ ID NO:18996, SEQ ID NO:19003, SEQ ID
 NO:19005
 SEQ ID NO:19008, SEQ ID NO:19010, SEQ ID NO:19015, SEQ ID NO:19017, SEQ ID
 NO:19019, SEQ ID NO:19021, and SEQ ID NO:19023

(c) a polynucleotide comprising a nucleotide sequence encoding a protein comprising an amino acid sequence
 selected from the amino acid sequences of (b), in which one or more amino acids are substituted, deleted,
 inserted, and/or added, wherein said protein is functionally equivalent to the protein comprising said amino
 acid sequence selected from the amino acid sequences of (b);

(d) a polynucleotide that hybridizes with a polynucleotide comprising a nucleotide sequence selected from the
 nucleotide sequences of (a), and that comprises a nucleotide sequence encoding a protein functionally equiv-
 alent to the protein encoded by the nucleotide sequence selected from the nucleotide sequences of (a);

(e) a polynucleotide comprising a nucleotide sequence encoding a partial amino acid sequence of a protein
 encoded by the polynucleotide of (a) to (d);

(f) a polynucleotide comprising a nucleotide sequence with at least 70% identity to the nucleotide sequence
 of (a).

9. A substantially pure protein encoded by the polynucleotide of claim 8.

10. An antibody against the protein or peptide of any one of claims 6, 7, and 9.

11. A vector comprising the polynucleotide of claim 5 or 8.

12. A transformant carrying the polynucleotide of claim 5 or 8, or the vector of claim 11.

5 13. A transformant expressively carrying the polynucleotide of claim 5 or 8, or the vector of claim 11.

14. A method for producing the protein or peptide of any one of claims 6, 7, and 9, comprising culturing the transformant of claim 13 and recovering the expression product.

10 15. An oligonucleotide comprising the nucleotide sequence of claim 8 (a) or the nucleotide sequence complementary to the complementary strand thereof, wherein said oligonucleotide comprises 15 nucleotides or more.

16. Use of the oligonucleotide of claim 15 as a primer for synthesizing a polynucleotide.

15 17. Use of the oligonucleotide of claim 15 as a probe for detecting a gene.

18. An antisense polynucleotide against the polynucleotide of claim 8, or the portion thereof.

19. A method for synthesizing a polynucleotide, the method comprising:

20

a) synthesizing a complementary strand using a cDNA library as a template, and using the primer set of claim 2 or 3, or the primer of claim 16; and

b) recovering the synthesized product.

25 20. The method of claim 19, wherein the cDNA library is obtainable by oligo-capping method.

21. The method of claim 19, wherein the complementary strand is obtainable by PCR.

22. A method for detecting the polynucleotide of claim 8, the method comprising:

30

a) incubating a target polynucleotide with the oligonucleotide of claim 15 under the conditions where hybridization occurs, and

b) detecting the hybridization of the target polynucleotide with the oligonucleotide of claim 15.

35 23. A database of polynucleotides and/or proteins, the database comprising information on at least one sequence selected from the nucleotide sequences of claim 8 (a) and/or the amino acid sequences of claim 8 (b), or a medium on which the database is stored.

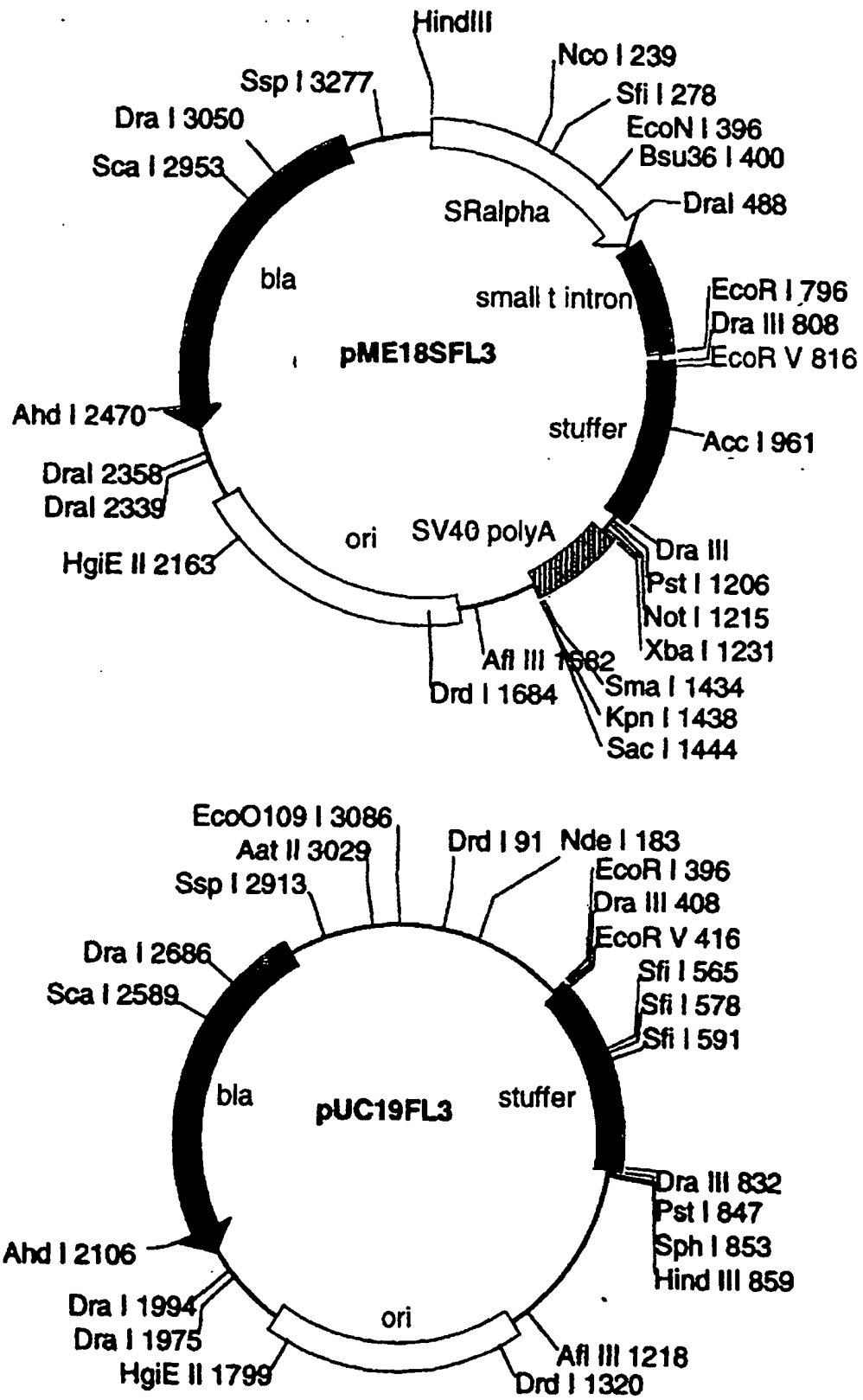
40

45

50

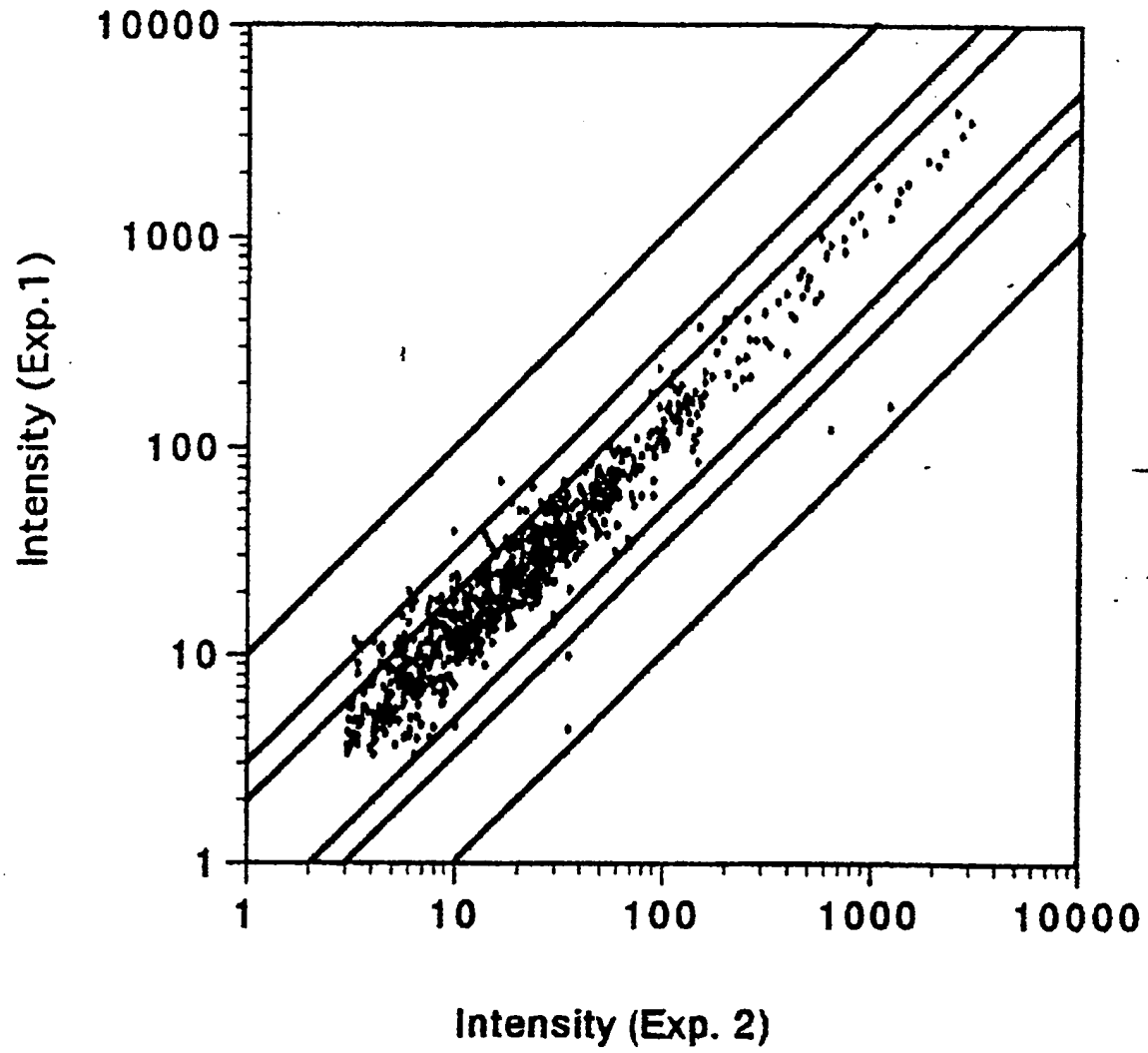
55

Figure 1



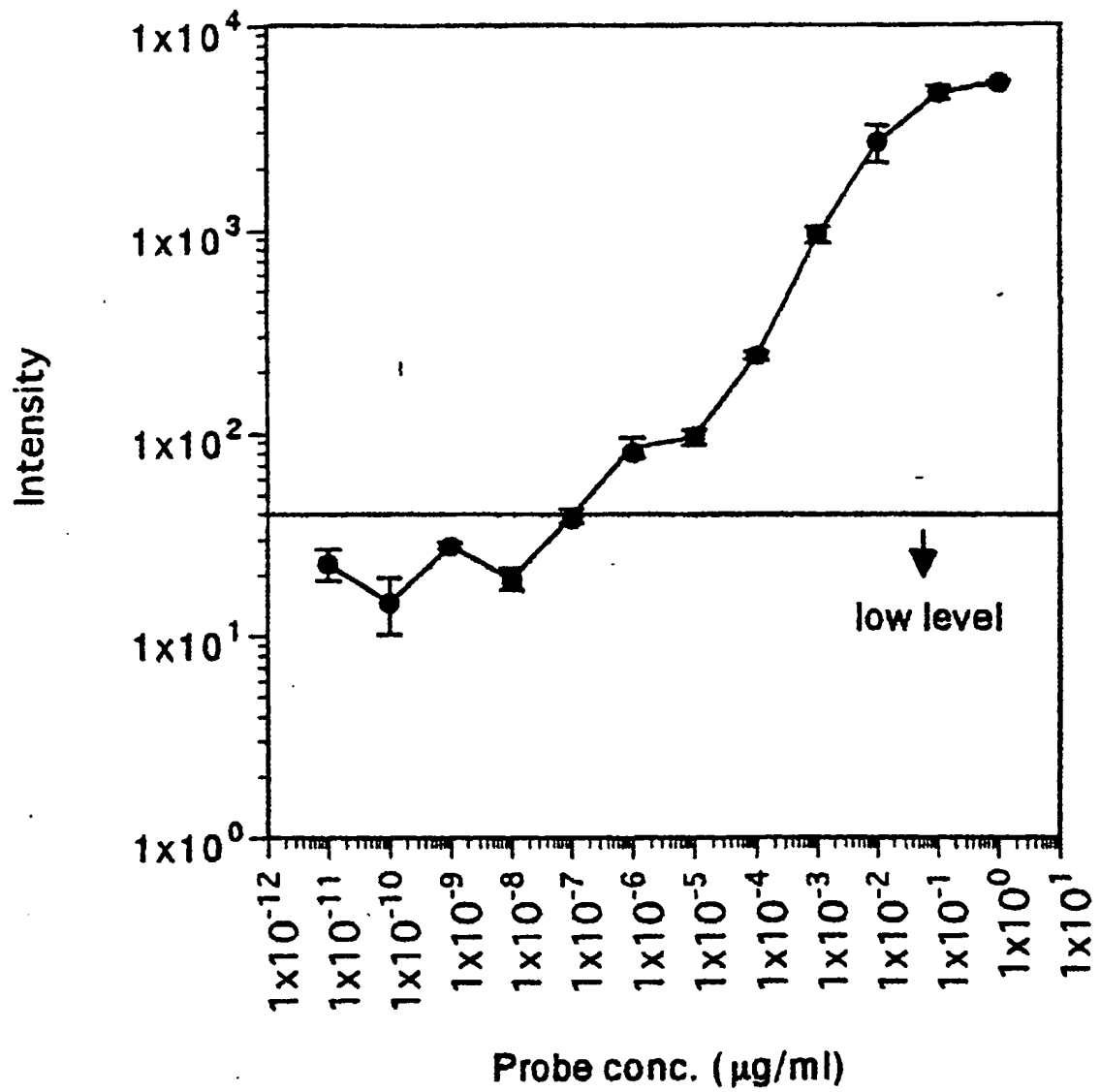
BEST AVAILABLE COPY

Figure 2



BEST AVAILABLE COPY

Figure 3



BEST AVAILABLE COPY